

20010618.qrp v02_n224.qrl.20010618

Date: Mon, 18 Jun 2001 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2224

QRP-L Digest 2224

Topics covered in this issue include:

- 1) [100355] FOX - W5PF - (Correction Rev 1) Pesky Texan Log
by "N1LN" <n1ln@earthlink.net>
- 2) [100356] FOX - KG5U (Log Correction Rev 1) Pesky Texan
by "N1LN" <n1ln@earthlink.net>
- 3) [100357] FOX - KK5LD (Log Correction Rev 1) Pesky Texan
by "N1LN" <n1ln@earthlink.net>
- 4) [100358] FOX - W5MJ (Correction Rev 1) Pesky Texan Log
by "N1LN" <n1ln@earthlink.net>
- 5) [100359] FOX - N5TU (Log Correction Rev 1) Pesky Texan
by "N1LN" <n1ln@earthlink.net>
- 6) [100360] Fox Team
by "Thaire Bryant" <tbry37@mediaone.net>
- 7) [100361] Original NC-40A Manual
by "Alan Fryer" <qrpdx@earthlink.net>
- 8) [100362] re: FOX: Official Notice
by "N1LN" <n1ln@earthlink.net>
- 9) [100363] Re: FOX: Official Notice
by Bill Stietenroth <k5zty@juno.com>
- 10) [100364] Field Day Site Mosquito Repeller!
by "Mike Pupeza" <mpupeza@sympatico.ca>
- 11) [100365] Re: QRP Watt Meter
by Bill Miner <wg6h@postoffice.pacbell.net>
- 12) [100366] Too many damn foxes!
by Larry East <w1hue@amsat.org>
- 13) [100367] Builder help - five pole pots?
by Bob Kellogg <ae4ic@nr.infi.net>
- 14) [100368] mic wiring question
by "Dave Benham" <dodgeboy@mindspring.com>
- 15) [100369] Re: FOX: Official Notice
by "Goody" <k3ng@fast.net>
- 16) [100370] mic wiring question - never mind
by "Dave Benham" <dodgeboy@mindspring.com>
- 17) [100371] Re: Field Day Site Mosquito Repeller!
by Steve Yates <aa5tb@arrl.net>
- 18) [100372] RF switch relay specs?
by bob evinger <wd9eka@arrl.net>
- 19) [100373] Re: FOX: Official Notice

- by "George Lee" <georgekr5c@cablelynx.com>
- 20) [100374] [OT] Foxhunt thread
by Chuck Adams <k7qo@earthlink.net>
- 21) [100375] ATTN All Summer FOXes :-)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 22) [100376] re: FOX: Official Notice
by Pete Burbank <plburbank@kih.net>
- 23) [100377] Re: ATTN All Summer FOXes :-)
by "George, W5YR" <w5yr@att.net>
- 24) [100378] MH101: tee he he he tehe he he
by John Wagner <john@neknetwork.com>
- 25) [100379] 17mtr DSB - PTT T/R, receiver thoughts?
by Bill Meara <n2cqr@clix.pt>
- 26) [100380] Re: FOX: Official Notice
by "Dave Fifield" <ad6a@earthlink.net>
- 27) [100381] Re: Suppression of Even Harmonics
by Beth Gardner / Dan Maguire <BethDan@pacbell.net>
- 28) [100382] Repost: MFJ 9420
by "John Pate" <lighthousedx@hotmail.com>
- 29) [100383] RE: Field Day idea for the VE3DNL marker generator
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 30) [100384] QRP/PSK31 and FD
by "elawson" <elawson@lawson-philpot.com>
- 31) [100385] Re: LDG Balun Question
by "Andrew Catanzaro" <acatan@wi.rr.com>
- 32) [100386] Re: QRP FD
by George Franklin <w0av@juno.com>
- 33) [100387] Re: RF switch relay specs?
by "Lau, Zack, W1VT" <z1au@arrl.org>
- 34) [100388] EDZ models very well into UHF
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 35) [100389] 5 MHz band experiments a success
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 36) [100390] Code practice on our frequency
by Walter D Amos <walt_amos@juno.com>
- 37) [100391] Re: Refarming the Novice bands
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [100392] Re: [Elecraft] Flux cleaners?
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 39) [100393] Re: QRP/PSK31 and FD
by "DTX" <dtx@wood.tzo.com>
- 40) [100394] Re: QRP/PSK31 and FD
by Phil Wheeler <w7ox@earthlink.net>
- 41) [100395] MH101: 2n4126 for 2n3906
by John Wagner <john@neknetwork.com>
- 42) [100396] Re: FOX: Official Notice
by "George, W5YR" <w5yr@att.net>
- 43) [100397] Re: Refarming the Novice bands

- by Louis Hlousek <lhhousek@nvgbell.net>
- 44) [100398] Re: Code practice on our frequency
by "Randall Jouett" <rules@bellsouth.net>
- 45) [100399] RAC July 1 contest Canaday program
by Bruce Rattray <rattray@gpfn.sk.ca>
- 46) [100400] Don't miss it...
by k0co <k0co@arrl.net>
- 47) [100401] More scrounging
by "Brian Murrey" <bmurrey@amexol.net>
- 48) [100402] Re: MH101: tee he he he tehe he he
by "blinn" <blinn@smgazette.com>
- 49) [100403] Re: Suppression of Even Harmonics
by "George, W5YR" <w5yr@att.net>
- 50) [100404] RE: Code practice on our frequency
by "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
- 51) [100405] Morse Code on History Channel, "This Week in History", June 18?
by "Ron McConnell" <rcmcc@lucent.com>
- 52) [100406] Re: Suppression of Even Harmonics
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 53) [100407] Re: Don't miss it...
by Pete Burbank <plburbank@kih.net>
- 54) [100408] Caps are Gone
by "Brian Murrey" <bmurrey@amexol.net>
- 55) [100409] web links from NorTex
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 56) [100410] Re: Don't miss it...
by Dave Sjolin <sjolin@swbell.net>
- 57) [100411] Re: PSK-31 FM Question
by "Phinizy, William" <wphinizy@filenet.com>
- 58) [100412] Re: Code practice on our frequency
by "laura halliday" <marsgal42@hotmail.com>
- 59) [100413] Re: Don't miss it...
by Garie Halstead <k8kfj@ntelos.net>
- 60) [100414] Re: Code practice on our frequency
by "Randall Jouett" <rules@bellsouth.net>
- 61) [100415] Re: Don't miss it...
by Dave Sjolin <sjolin@swbell.net>
- 62) [100416] Re: Don't miss it...
by Bill ROWLETT <kc4atu@yahoo.com>
- 63) [100417] [NORCAL] QRPP Summer 2001 Issue
by Chuck Adams <k7qo@earthlink.net>
- 64) [100418] Re: Don't miss it...
by Dave Sjolin <sjolin@swbell.net>
- 65) [100419] Re: Don't miss it...
by Bruce Muscolino <w6toy@erols.com>
- 66) [100420] Re: Suppression of Even Harmonics
by Beth Gardner / Dan Maguire <BethDan@pacbell.net>
- 67) [100421] Digital technical photographs on web pages

by "Bob Tellefsen" <n6wg@earthlink.net>
 68) [100422] [MH201] Spice Modeling
 by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
 69) [100423] Comment
 by "Steven Weber" <kd1jv@moose.ncia.net>
 70) [100424] Re: Comment
 by "Larry Wise" <lewise@txwises.com>
 71) [100425] Riverside CA and Pacificon
 by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
 72) [100426] Duck Hunt
 by ac5ez@webtv.net (Larry)
 73) [100427] Re: More scrounging
 by "Phil (VA3UX)" <phil@vaxxine.com>
 74) [100428] Suppression of ODD harmonics
 by "Bob Tellefsen" <n6wg@earthlink.net>

 Date: Sun, 17 Jun 2001 18:04:44 -0500
 From: "N1LN" <n1ln@earthlink.net>
 To: "QRP-L" <qrp-l@Lehigh.EDU>
 Subject: [100355] FOX - W5PF - (Correction Rev 1) Pesky Texan Log
 Message-ID: <011201c0f781\$e6620800\$c2d7fea9@im02>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="Windows-1252"
 Content-Transfer-Encoding: 7bit

First Log edit for W5PF -

For other corrections - please email: n1ln@arrl.net

1	2001-06-13 0137	7048 K50T	599 579 GA LARRY	20
2	0139	7048 W5YR	599 559 TX GEORGE	5
3	0146	7048 W5JAY	559 559 AR JAY	5
4	0149	7048 K4GT	559 559 GA JIM	5
5	0154	7048 KV2X	559 559 NY TOM	5
6	0159	7048 K4MF	559 559 FL GARY	2
7	0201	7048 N1EU	559 559 NY JERRY	5
8	0205	7048 NV4V	559 559 KY PETE	5
9	0207	7048 KG5U	579 599 TX DALE	5
10	0210	7048 N1TP	559 559 FL TOM	5
10	0224	7048 K5JHP	559 559 TX BILL	5
11	0226	7048 W8RU	559 559 MI RON	5
12	0230	7048 N8VAN	559 339 OH MIKE	2
13	0231	7048 KQ5U	559 559 TX TERRY	5
14	0237	7048 WA5REJ	559 559 TX ALLEN	5

15	0312	7048 K4BAI	339 579 GA JOHN	5
16	0315	7048 KI0II	559 559 CO RON	5
17	0317	7048 N5IB	559 559 LA JIM	5
18	0325	7048 AD5Q	559 599 TX ROY	5
19	0329	7048 W0SDG	559 559 MN STEVE	4

Date: Sun, 17 Jun 2001 18:04:41 -0500
 From: "N1LN" <n1ln@earthlink.net>
 To: "QRP-L" <qrp-l@Lehigh.EDU>
 Subject: [100356] FOX - KG5U (Log Correction Rev 1) Pesky Texan
 Message-ID: <010901c0f781\$e50ab560\$c2d7fea9@im02>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="Windows-1252"
 Content-Transfer-Encoding: 7bit

This is the first correction to KG5U Log - please send any requests
 for corrections to: n1ln@arrl.net

Band	Date	Time	QSO#	Call	Name	Snt	Rcd	Pwr	Qth	Mults	Pts
----	----	----	----	-----	-----	----	----	----	----	-----	----
40CW	13-Jun-01	01:32	1	WA50JE	DANNY	599	559	5W	Tx	Tx	1
40CW	13-Jun-01	01:33	2	K10J	OJ	599	559	0.5W	Tx		5
40CW	13-Jun-01	01:34	3	N5TU	EARL	599	559	5W	Tx		1
40CW	13-Jun-01	01:38	4	W5MJ	MADISON	599	559	2W	Tx		3
40CW	13-Jun-01	01:39	5	K5NZ	MIKE	599	599	5W	Tx		1
40CW	13-Jun-01	01:40	6	KK5LD	DAN	599	559	5W	Tx		1
40CW	13-Jun-01	01:44	7	K5BGB	ROD	599	559	5W	Tx		1
40CW	13-Jun-01	01:45	8	AD5Q	ROY	599	599	5W	Tx		1
40CW	13-Jun-01	01:46	9	K4MF	GARY	599	579	2W	F1	F1	3
40CW	13-Jun-01	01:48	10	K4BAI	JOHN	599	599	5W	Ga	Ga	1
40CW	13-Jun-01	01:52	11	N5IW	STEVE	599	559	5W	Tx		1
40CW	13-Jun-01	01:53	12	NV4A	PETE	599	559	5W	Ky	Ky	1
40CW	13-Jun-01	01:55	13	N1EU	BARRY	599	559	5W	Ny	Ny	1
40CW	13-Jun-01	01:59	14	N1LN	BRUCE	599	559	5W	Tx		1
40CW	13-Jun-01	01:59	15	N5TW	TOM	599	559	5W	Tx		1
40CW	13-Jun-01	02:01	16	N5ET	BOB	599	559	5W	Tx		1
40CW	13-Jun-01	02:03	17	K5ZTY	BILL	599	559	5W	Tx		1
40CW	13-Jun-01	02:04	18	W5SB	BILL	599	599	5W	Tx		1
40CW	13-Jun-01	02:05	19	W5HNS	HENRY	599	559	4W	Tx		1
40CW	13-Jun-01	02:06	20	W5PF	PAUL	599	579	5W	Tx		1

40CW	13-Jun-01	02:08	21	K5LN	BILL	599	559	5W	Tx		1
40CW	13-Jun-01	02:09	22	W5USJ	CHUCK	599	559	5W	Tx		1
40CW	13-Jun-01	02:14	23	K4GT	JIM	599	559	5W	Ga		1
40CW	13-Jun-01	02:17	24	KQ5U	TERRY	599	559	5W	Tx		1
40CW	13-Jun-01	02:19	25	K8CV	WALT	599	559	5W	Mi	Mi	1
40CW	13-Jun-01	02:20	26	W8DN	MIKE	599	599	5W	Oh	Oh	1
40CW	13-Jun-01	02:21	27	W5YR	GEORGE	599	559	5W	Tx		1
40CW	13-Jun-01	02:25	28	WF5W	CAL	599	559	5W	Tx		1
40CW	13-Jun-01	02:27	29	K50T	LARRY	599	559	20W	Ga		1
40CW	13-Jun-01	02:33	30	K5PSH	JERRY	599	599	0.5W	Tx		5
40CW	13-Jun-01	02:34	31	WA5REJ	ALLEN	599	559	5W	Tx		1
40CW	13-Jun-01	02:35	32	NM5M	ERIC	599	579	5W	Tx		1
40CW	13-Jun-01	02:38	33	W8RU	RON	599	559	5W	Mi		1
40CW	13-Jun-01	02:39	34	K5JHP	BILL	599	559	5W	Tx		1
40CW	13-Jun-01	02:41	35	N1TP	TOM	599	559	5W	Fl		1
40CW	13-Jun-01	02:43	36	AF5Z	BOB	599	599	5W	Tx		1
40CW	13-Jun-01	02:50	37	N5IB	JIM	599	599	5W	La	La	1
40CW	13-Jun-01	02:55	38	K5DW	DON	599	559	2W	Tx		3
40CW	13-Jun-01	02:58	39	N0TK	DAN	599	559	5W	Co	Co	1
40CW	13-Jun-01	03:03	40	AF4PW	CHUCK	599	559	0.1W	Ga		5
40CW	13-Jun-01	03:04	41	AF4PS	MAC	599	599	3W	Fl		1
40CW	13-Jun-01	03:05	42	KR5C	GEORGE	599	559	5W	Tx		1
40CW	13-Jun-01	03:11	43	K5LG/M	LES	599	559	2W	Ar	Ar	3
40CW	13-Jun-01	03:14	44	W5JAY	JAY	599	599	5W	Ar		1
40CW	13-Jun-01	03:18	45	N8VAR	RON	599	599	2W	Oh		3

Date: Sun, 17 Jun 2001 18:04:39 -0500

From: "N1LN" <n1ln@earthlink.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [100357] FOX - KK5LD (Log Correction Rev 1) Pesky Texan

Message-ID: <010601c0f781\$e3a299e0\$c2d7fea9@im02>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

This is the first log correction for KK5LD - please send any additional requests

for correction to: n1ln@arrl.net

Band Pts	Date	Time	QSO#	Call worked	Sent	Rcvd	Name	Qth	
----	----	----	----	-----	----	----	----	----	-
--									
1	40CW	13-Jun-01	01:31	1	W5YR	559	559	GEORGE 5W	TX
1	40CW	13-Jun-01	01:33	2	K5PSH	559	559	JERRY 5W	TX
1	40CW	13-Jun-01	01:36	3	W5TD	559	579	TOM 5W	TX
1	40CW	13-Jun-01	01:39	4	KG5U	559	599	DALE 5W	TX
1	40CW	13-Jun-01	01:42	5	K4MF	559	559	GARY 2W	AL *
1	40CW	13-Jun-01	01:43	6	K50T	559	559	LARRY 20W	GA *
1	40CW	13-Jun-01	01:47	7	KQ5U	559	559	TERRY 5W	TX
1	40CW	13-Jun-01	01:49	8	VA6RF	559	599	EARL 5W	AB *
1	40CW	13-Jun-01	01:50	9	WA5REJ	559	599	ALLEN 5W	TX
1	40CW	13-Jun-01	01:54	10	W5JAY	559	599	5W	AR *
1	40CW	13-Jun-01	01:54	11	W8RU	559	559	RON 2W	OH *
1	40CW	13-Jun-01	01:57	12	K5JHP	559	559	BILL 5W	TX
1	40CW	13-Jun-01	02:22	13	N1TP	559	559	TOM 5W	FL *
1	40CW	13-Jun-01	02:24	14	W0SDG	559	559	STEVE 4W	MN *
1	40CW	13-Jun-01	02:32	15	K4BAI	559	579	JOHN 5W	GA
1	40CW	13-Jun-01	02:35	16	NV4V	559	579	PETE 5W	KY *
0	40CW	13-Jun-01	02:36	17	N5ET	559	559	BOB 5W	TX
0	40CW	13-Jun-01	02:39	18	K5ZTY	559	559	BILL 5W	TX
1	40CW	13-Jun-01	02:49	19	KE4TG	559	559	ROY 5W	GA
1	40CW	13-Jun-01	02:50	20	N0AR	559	559	SCOTT 5W	OH
1	40CW	13-Jun-01	02:55	21	K5BGB	559	579	ROD 5W	TX

40CW	13-Jun-01	02:57	22	KI0II	559	559 RON 5W	CO	*
1								
40CW	13-Jun-01	02:59	23	N8VAR	559	559 RON 2W	OH	
1								
40CW	13-Jun-01	03:01	24	W5GT	559	579 JIM 5W	GA	
1								
40CW	13-Jun-01	03:03	25	N5IB	559	559 JOHN 2W	LA	*
1								
40CW	13-Jun-01	03:10	26	KD5KXF	559	559 JOE 5W	TX	
1								
40CW	13-Jun-01	03:11	27	AD5Q	559	599 ROY 5W	TX	
1								
40CW	13-Jun-01	03:13	28	KR5C	559	559 GEORGE 5W	TX	
1								
40CW	13-Jun-01	03:15	29	W5SB	559	559 BILL 5W	TX	
0								
40CW	13-Jun-01	03:18	30	AF4PS	559	599 MAC 5W	FL	
1								
40CW	13-Jun-01	03:21	31	K5DW	559	559 DON 2W	TX	
1								
40CW	13-Jun-01	03:25	32	WA50JE	559	559 DANNY 5W	TX	
0								

Date: Sun, 17 Jun 2001 18:04:37 -0500
 From: "N1LN" <n1ln@earthlink.net>
 To: "QRP-L" <qrp-l@Lehigh.EDU>
 Subject: [100358] FOX - W5MJ (Correction Rev 1) Pesky Texan Log
 Message-ID: <010001c0f781\$e2854300\$c2d7fea9@im02>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="Windows-1252"
 Content-Transfer-Encoding: 7bit

Please send all corrections to: n1ln@arrl.net

Fox to Fox Qs have not been removed.

1:38 KG5U 599 TX DALE 5 W
 2:28 K5JHP 559 TX BILL 5W
 2:29 K5PSH 559 TX JERRY 5W

2:37 W5YR 559 TX GEORGE 5W
 2:44 K4BAI 559 GA JOHN 1W
 2:48 K50T 559 GA LARRY 20W
 2:53 WA5REJ 559 TX ALLEN 5W
 2:56 AD5Q 559 TX ROY 5W
 3:00 K5GQ/M 559 TX MARK 5W

 Date: Sun, 17 Jun 2001 18:04:46 -0500
 From: "N1LN" <n1ln@earthlink.net>
 To: "QRP-L" <qrp-l@Lehigh.EDU>
 Subject: [100359] FOX - N5TU (Log Correction Rev 1) Pesky Texan
 Message-ID: <011501c0f781\$e7656e40\$c2d7fea9@im02>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="Windows-1252"
 Content-Transfer-Encoding: 7bit

First Log edit for N5TU -

For other corrections - please email: n1ln@arrl.net

Band Pts	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth	Mlt
----	----	----	----	-----		----	----	----	----	-
--										
40CW 1	13-Jun-01	01:34	1	KG5U	*	599	599	DALE 5W	TX	TX
40CW 1	13-Jun-01	01:40	2	K5BGB	*	599	589	ROD 5W	TX	
40CW 1	13-Jun-01	01:41	3	K50T	*	599	559	LARRY 20W	GA	GA
40CW 1	13-Jun-01	01:46	4	KI0II		599	559	RON 5W	CO	CO
40CW 1	13-Jun-01	01:47	5	K5PSH		599	599	JERRY 500W	TX	
40CW 1	13-Jun-01	01:50	6	W5YR		599	559	GEORGE 5W	TX	
40CW 1	13-Jun-01	01:56	7	K4BAI	*	599	569	JOHN 5W	GA	
40CW 1	13-Jun-01	01:59	8	AD5CH		599	549	ROD 5W	TX	

1	40CW	13-Jun-01	02:05	9	W8RU		599	599	RON	5W	MI	MI
1	40CW	13-Jun-01	02:07	10	K5GQ/M		599	559	MARK	5W	TX	
1	40CW	13-Jun-01	02:08	11	K5JHP		599	559	BILL	5W	TX	
1	40CW	13-Jun-01	02:16	12	NV4V		599	559	PETE	5W	KY	KY
1	40CW	13-Jun-01	02:19	13	WA5REJ		599	569	ALLEN	5W	TX	
1	40CW	13-Jun-01	02:21	14	KV2X		599	569	TOM	5W	NY	NY
3	40CW	13-Jun-01	02:24	15	K5DW		599	559	DON	2W	TX	
1	40CW	13-Jun-01	02:26	16	AD5Q	*	599	599	ROY	5W	TX	
5	40CW	13-Jun-01	02:29	17	AF4PP		599	569	CHUCK	900MW	GA	
1	40CW	13-Jun-01	02:37	18	W5JAY	*	599	559	JAY	5W	AR	AR
1	40CW	13-Jun-01	02:42	19	K4GT		599	559	JIM	5W	GA	
1	40CW	13-Jun-01	02:47	20	KR5C		599	559	GEORGE	5W	TX	
1	40CW	13-Jun-01	02:49	21	AF4PS		599	579	MAC	3W	FL	FL
1	40CW	13-Jun-01	02:51	22	N1TP		599	579	TOM	5W	FL	FL
1	40CW	13-Jun-01	03:00	23	W5TD	*	599	599	TOM	5W	TX	
1	40CW	13-Jun-01	03:02	24	WA6EIM		599	569	VIC	5W	OK	OK
1	40CW	13-Jun-01	03:03	25	N5IB		599	559	JIM	5W	LA	LA
0	40CW	13-Jun-01	03:07	26	N5ET		599	559	BOB	5W	TX	
0	40CW	13-Jun-01	03:12	27	W5HNS	*	599	559	HENRY	4W	TX	
1	40CW	13-Jun-01	03:14	28	WA4TT		599	599	JOHN	40W	GA	
1	40CW	13-Jun-01	03:19	29	N0TK		599	559	DAN	5W	CO	
1	40CW	13-Jun-01	03:21	30	KQ5U		599	559	TERRY	5W	TX	

Date: Sun, 17 Jun 2001 20:23:47 -0400
From: "Thaire Bryant" <tbry37@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100360] Fox Team
Message-ID: <004b01c0f78c\$f13f1820\$41506041@ne.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Left coaster looking for four fox hunters to
form a team, or a team needing one fox hunter.

Thaire W2APF
No. Easton, MA

Date: Sun, 17 Jun 2001 20:47:15 -0400
From: "Alan Fryer" <qrpdx@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100361] Original NC-40A Manual
Message-ID: <009401c0f790\$39bb4760\$fec1323f@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Need the original manual, circa 1994, for a rig I sold to another list
member and I can't find the manual.

Please allow me to pay for copying, mailing, as required.

Alan, N3BJ

Date: Sun, 17 Jun 2001 19:58:39 -0500
From: "N1LN" <n1ln@earthlink.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "Zed - K5ZTY" <k5zty@juno.com>, "W5MJ"
<w5mj@houston.rr.com>, "W5HNS - Henry" <w5hns@aol.com>, "Tom - N5TW" <n5tw@igg-
tx.net>,

"Paul - W5PF" <w5pf@arrl.net>, "OJ - K10J" <k10j@ditdit.com>, "N5ET - Bob" <n5et@arrl.net>, "K5NZ" <k5nz@aol.com>, "George - W5YR" <w5yr@att.net>,
Subject: [100362] re: FOX: Official Notice
Message-ID: <007201c0f791\$d35d4e80\$c2d7fea9@im02>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

To all that may be interested -

I don't often get involved in public discussions such as this, but I believe it is now appropriate to voice my opinion.

Let me start off by stating to all, especially the Committee, that if (1) the term Fox Hunt is indeed a Service Mark and not PUBLIC DOMAIN and (2) I can see this in some type of LEGAL documentation instead of simple 'OPINION' memos, then the term will be removed from all future communications coming from me. However, I seem to remember participating in many VHF Fox Hunts earlier in my Ham life. I have been a Ham for 38 years now - I think longer than this committee has been in existence. I still have the db box, portable 2 mtr yagi, dummy load for my HT..... etc. Why did those 'hunters' ever think they could get away with calling there event a Fox Hunt?

Having stated that - I will move on.

Early on in the set up of the Pesky Texan event, it was suggested to me by one of the 'committee' that because of many failing events resulting from "poor administration" I should stop. That was not an issue here. Numerous emails were posted with event details. Twenty-one Foxes volunteered. The event started on the scheduled night - on time - and lasted for the entire two hour period. Twenty-one Foxes participated. Twenty-one Foxes stayed for the entire two hour period EVEN with some of the most horrible of band conditions. Logs are coming in and are being posted. Certificates were offered to Hounds. The Certificate is created and waiting on my computer for Hound requests. A Plaque was discussed for the high Fox score. The plaque is being designed and WILL be awarded 'as promised'.

(By the way... while we are talking administration - follow up - follow through....etc during the Winter Fox Hunt a plaque was also discussed for the Hound the got the sweep and worked all Foxes. That hound was ME. Where is my plaque?)

Another comment sent my way was this: "There is provision for special events, but the name does have some meaning and tradition associated with it. All of that means nothing if anybody can run a Foxhunt." Well - you know what. Anyone can - and many do. Take a look at CQ magazines May 2001

edition. Seems there is a big article there about the 4th Annual Foxhunting Weekend and the article also discusses the results of the 2000 National Foxhunting Weekend. Did they receive an email suggesting the name of their event should change?

I have received other memos from the committee suggesting "confusion" about the name. Have any of you participated in the "name your state" - QSO Parties? Last year I participated in the VT, FL, CA (Have a very nice T-shirt), and won the Texas QSO Party for single Op - Fixed station. You know... I

never once thought that I was participating in the VT QSO party the weekend the CA

QSO party was held. The 'Plaque' on my wall for the Texas QSO Party says TEXAS on it. (got that one) Again - no confusion as the T-Shirt says California. Why would someone get confused that the name Pesky Texan Hunt

was in any way related to the Winter Fox Hunt or Summer Fox Hunt? It was called the Pesky Texan Hunt.

In my opinion Ham Radio can use all the help it can get from as many of us as possible to get new hams interested, keep them interested, get new volunteers to assist and relieve the 'same few of us that are always there' from doing everything. I certainly hope that others that want to organize operating events are not discouraged by my email or others that have been circulating over the past few weeks. I have received MANY emails voicing support for this event and suggesting that other states should do the same thing. If anyone organizes another state event - I will be glad to participate and give you some Q's and points.

As I stated in my opening paragraph. If it can be shown to me that the term is NOT public domain - please do. Then, I will never again use the term in any future emails or any events that I may organize - and there WILL BE future events. If not - let's end this discussion and enjoy the hobby for what it is - or was.

Sincerely,

Bruce - N1LN
One Pesky Texan

Date: Sun, 17 Jun 2001 20:25:26 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: 70511.3041@compuserve.com
Cc: qrp-1@Lehigh.EDU
Subject: [100363] Re: FOX: Official Notice
Message-ID: <20010617.202528.-3898897.1.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

GIVE ME A BREAK!!!

Hams have been using the words FOX HUNT for 50 years before there was a QRP-L.

Now YOU own the words??? What kind of a petty, power hungry bunch is this group

becoming? What happened to having fun? Is Chuck going to sue us to protect

HIS foxhunt name?? I guess all to the 2 meter 5 watt foxhunts at all of the ham fests

in the country will have to pay license fees to use the name?? This is the most ludicrous

line of thinking that I have ever read on this reflector. This is the kind of crap that makes

a person not want to be associated with a particular group. Doc, I'd be ashamed to tell

anyone that I had anything to do with that epistle if I were you.

Bill, K5ZTY
Houston, TX

On Thu, 14 Jun 2001 23:43:37 -0400 "Wilford D. Lindsey"

<70511.3041@compuserve.com> writes:

> Dear Fellow QRPers:

> The name "Foxhunt" or "Fox Hunt" in relation to a QRP "fox and

> hounds" event is reserved for the official QRP-L events.

> Technically the name is aService Mark (and intellectual property)
> belonging to Chuck, K7Q0,..... and has indicated his intention to
> protect the name.

> The QRP-L Fox Hunt Committee
> N1FN, N1TP, K0EVZ, K7Q0, VE5RC

Date: Sun, 17 Jun 2001 21:19:13 -0400
From: "Mike Pupeza" <mpupeza@sympatico.ca>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [100364] Field Day Site Mosquito Repeller!
Message-ID: <000901c0f794\$b25354c0\$4201e440@pupeza>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hey Guys;
I'm also making up an Electronic Mosquito Repellent for my
competitors Field Day Site.
Apparently, they have been severely bothered, and we
have not!
As a gesture of Friendship, I plan to build up this Repeller
from existing kit parts.
I'm ANDing my VE3DNL Marker Generator, with my
Scorpion's Broadband Noise Generator and feeding it
into my the 5 Watt Amp Mod for my SMK-1!
I figure that there should be enough low frequency
products to confuse and repel ALL mosquitos!
However, I would be embarassed if it doesn't work, or if
it does work, from the opinions of my fellow competitor
Hams, so I plan to power it with an couple of Dayton
Special 12V 7AH Gel Cells, and hide it in the middle of
their FD Site!
Boy, will they be pleased when it keeps the mosquitos away!

Mike VE3EQP 1B2-Bat FD 2001!

Date: Sun, 17 Jun 2001 18:25:00 -0700
From: Bill Miner <wg6h@postoffice.pacbell.net>
To: gsailsbury@mobil1.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100365] Re: QRP Watt Meter
Message-ID: <3B2D586C.E50C747B@postoffice.pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Gene,

I'm not sure what your requirement is for the QRP watt meter but my favorite is the WM-2 kit from Oak Hills Research. It is reasonably priced and is very accurate and usable up to six meters. It is NOT peak reading but probably could be modified for that ability.

I have no interest in this company but I am a satisfied customer.

73,
Bill - K6WLM

Gene Sailsbury wrote:

>

> What is the best watt meter to use with the FT-817? I am also using a

> Z-11 auto tuner with it. Thanks.

> Gene Sailsbury KC0IKY

Date: Sun, 17 Jun 2001 19:23:06 -0600
From: Larry East <wlhue@amsat.org>
To: qrp-1@lehigh.edu
Subject: [100366] Too many damn foxes!
Message-ID: <5.1.0.14.2.20010617192228.00ad3c50@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

How many fox logs do we really need in one digest??

Date: Sun, 17 Jun 2001 21:59:31 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100367] Builder help - five pole pots?
Message-ID: <3B2D6083.E2639DC2@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

I'm having a problem, and need the help of one of you experts.

I'm installing Randy, WJ4P's, neat little notch filter in my K2. I needed a tiny pot with the knurled knob on the edge like used in many small radios and tape players. The only one I had handy was one I'd scrounged from something that had 5 connections to it instead of the usual 3.

Undaunted, I measured between the connections with the knob full the left, and then full to the right, and it appeared I could get somewhere between 0 and 17K from the Pot. That was close enough, so I installed it.

Now, I find that if it has two pots in one, (which I had assumed was the case) they are interconnected in some way. Furthermore, I'm having trouble figuring out how they are connected.

What I need and want is a simple pot, total value in the range of 5K to 20K, with a single wiper. I've worked and worked with this 5 pole pot, and can't figure out how to connect it. I even made a chart of the resistance measurements with the knob full left, then full right.

The resistance chart follows. If anyone knows how these things are designed, I'd appreciate some advice.

Resistance Between Pins	Knob Left	Knob Right
1-2	13.3K	17.2K
1-3	0	8.9K
1-4	13.3K	8.9K
1-5	6.8K	8.9K
2-3	13.3	8.4K
2-4	0	8.4K
2-5	6.5K	8.4K
3-4	13.3K	0
3-5	6.8K	0
4-5	6.5K	0

The problem lies in determining which are the wipers and which are the ends. --Or, are some of them taps? Anybody know?

--

73,

Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Sun, 17 Jun 2001 22:05:25 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [100368] mic wiring question
Message-ID: <003c01c0f79b\$24a72820\$11d279a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am trying to rewire the mic connectors for an ICOM on an old voice keyer which I hope to use on Field Day with my K2. I got this thing at a swap and have no idea what type of mic it was wired for, but according to schematics I've seen, it's not any of the common ones.

My problem is that the voice keyer schematic identifies 4 connections: "mic in", "mic gnd", "PTT in" and "shield". The "mic gnd" goes to chassis ground. The "shield" goes to "digital ground" (a term I'm not familiar with). Would "shield" be the shield on the mic audio coax? And would "mic gnd" likely be the PTT ground? So I can confirm this, does anyone know what colors are typically used by ICOM for these wires or what the typical ICOM pinout is on a mic? For some reason I'm having difficulty figuring it out with an ohmmeter. I don't see much in the Handbook and the only web site I could find shows something different from both ICOM mic's I have.

BTW, I'm talking about a "modern" 8-pin connector on an HM-36 mic and I don't care about the up/down functions.

Thanks in advance.

Dave K8TRF

Date: Sun, 17 Jun 2001 22:11:44 -0400
From: "Goody" <k3ng@fast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100369] Re: FOX: Official Notice
Message-ID: <00fa01c0f79c\$0860e2e0\$0269a8c0@pohopoco>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I call dibs on "Snipe (TM)" and "Snipe Hunt (TM)"

Sorry, I couldn't resist....

:)

----- Original Message -----

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, June 14, 2001 23:43

Subject: FOX: Official Notice

> Dear Fellow QRPers:

>

> As we approach the beginning of the QRP-L Summer 20M Fox Hunt there has
> been

> considerable traffic and speculation on QRP-L about other, similar events,
> so please note:

>

> The name "Foxhunt" or "Fox Hunt" in relation to a QRP "fox and hounds"
> event

> is reserved for the official QRP-L events. Technically the name is a
> Service Mark (and intellectual property) belonging to Chuck, K7Q0, who
> started the whole thing, put a lot of time and effort into its
> development, and is still actively involved in administration. Chuck
> appoints the administrators, is himself a member of the committee, and has
> indicated his intention to protect the name.

>

> The QRP-L Fox Hunts have become an institution extending well beyond the
> QRP-L circle, and that is largely due to a lot of behind-the-scenes work
> by Chuck and the others who have acted as administrators or event
> managers. Just as the names "Hamvention," "Field Day," and "Sweepstakes"
> are identified with specific events or activities, there is only one QRP
> Fox Hunt. Obviously there is a lot of appeal in this kind of event, but
> organizers are asked to use a little imagination and come up with another
> name.

>

> The QRP-L Fox Hunt Committee
> N1FN, N1TP, K0EVZ, K7Q0, VE5RC

> -----

>

>

>

>

>

Date: Sun, 17 Jun 2001 22:42:13 -0400
From: "Dave Benham" <dodgeboy@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [100370] mic wiring question - never mind
Message-ID: <007201c0f7a0\$490d2480\$11d279a5@hqa.chrysler.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found a better site with an ICOM mic diagram which matches my mic's and makes sense. Now to make the unit match my mic's!

Sorry for the bandwidth.

73,
Dave K8TRF

Date: Sun, 17 Jun 2001 22:17:54 -0500
From: Steve Yates <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100371] Re: Field Day Site Mosquito Repeller!
Message-ID: <001901c0f7a5\$4603e9e0\$85703ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="Windows-1252"
Content-transfer-encoding: 7bit

I don't know about mosquitoes but the last time I tried an "electronic insect repellent" that used so-called ultrasonic sound energy it ATTRACTED insects (they made a nest in it) and it gave me a headache because I could hear it. I would save your money and time and purchase a can of Deep Woods Off :-)

Steve Yates - AA5TB

<http://www.geocities.com/aa5tb/>

Date: Sun, 17 Jun 2001 22:27:58 -0500 (EST)
From: bob evinger <wd9eka@arrl.net>
To: qrp-l@lehigh.edu
Subject: [100372] RF switch relay specs?
Message-ID: <Pine.LNX.4.21.0106172210390.931-100000@wd9eka.evinger.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a relay that I have had for probably 20 years that is military. I have kept hold of it thinking that I might have a need for it someday, but I dont have any pinout information. Hoping that someone out there might have a clue.

Relays is marked as follows:

Coax Relay
Plessey Connector Div Inc
69-CSA 1/3-213
SM-D-414384 S/N 08442

Additional info on box:

5985-892-3200
Switch Radio Frequency
1EA Item 1
DSA900-73-D-2352-000?
A/ 7/73
P/N IAW DWG SM-B414813
REV A SMD-414384 Rev C
Automatic Metal Product Corp
Commack, NY

any info regarding power ratings and pin outs would be greatly appreciated. I have been cleaning out my shop and started to toss it, but thought I would give it one more chance to live.

bob

--

Bob Evinger WD9EKA Marshall, Illinois
If Guns Cause Crime, Then Matches Cause Arson.

Date: Sun, 17 Jun 2001 22:38:57 -0500
From: "George Lee" <georgekr5c@cablelynx.com>
To: <qrp-1@Lehigh.EDU>
Subject: [100373] Re: FOX: Official Notice
Message-ID: <001701c0f7a8\$35ea7c60\$0608cc18@georgelee>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Bruce, I hope I have sent this the correct way as I don't need the
"committee" on my case.

Personally I know I have fox hunted long before this group started fox
hunting. Understanding some actions are beyond comprehension.

You are to be commended on your statement and I believe it was necessary,
polite and to the point.

All the best from another "Pesky Texan".

George KR5C

Date: Sun, 17 Jun 2001 19:29:28 +0100
From: Chuck Adams <k7qo@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [100374] [OT] Foxhunt thread
Message-ID: <5.1.0.14.0.20010617192336.009e5a60@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Please remove me from the committee for present and future foxhunts.

I knew this was going to happen and start a nasty situation over a month
ago when I got a telephone call about this and I didn't want to get involved.

So, the thread is now a taboo subject and any foxhunts that any one wants
to start under the name foxhunt with a state added to it or whatever additional
adjectives, etc. doesn't matter to me. Just don't anyone imply or associate
my name with any politics about this topic. Period. I started the foxhunt

as an operational exercise to get people on the air to have fun. It has grown significantly beyond that. About the same as QRP-L in general too.

Larry East and others are on notice at this time. Any foul language will get you forever banned from the group. It has been and will continue to be the administrative policy of QRP-L to make this a family group. You have been warned. Zero tolerance is in effect.

FYI

Chuck Adams, K7QO QRP-L #1

Date: Mon, 18 Jun 2001 00:15:29 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "W D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [100375] ATTN All Summer FOXes :-)
Message-ID: <200106180015_MC3-D618-502C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

ATTN: All Summer FOXes:

The schedule is set and soon the season will begin. Now I need to hear from all FOXes *and* all Alternates ASAP. Please send me a paragraph or two about yourself, your shack, whatever--things for the web page. If you can, also send a digital photo as an attachment.

Please write within 48 hours, sooner if at all possible. Thanks, and I look forward to hearing. Thanks again for volunteering to be 2001 Summer=

FOXes.

72,
--Doc/K0EVZ

Date: Mon, 18 Jun 2001 00:17:27 -0400
From: Pete Burbank <plburbank@kih.net>
To: n1ln@earthlink.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [100376] re: FOX: Official Notice
Message-ID: <5.0.2.1.0.20010617235528.00a9d6a0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Bruce es Gangue

The Pesky Texan Hunt was a great success and tnx to all involved.
Call it a Fox, Coyote, or Wolf hunt.....whatever blows your dress up:-)
It was great fun !!!!!
Again THANKS
Pete NV4V

Date: Sun, 17 Jun 2001 23:44:02 -0500
From: "George, W5YR" <w5yr@att.net>
To: 70511.3041@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100377] Re: ATTN All Summer FOXes :-)
Message-ID: <3B2D8712.ABA456ED@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doc, I don't recall reading about this anywhere, and it isn't probably all that important, but is there any minimum power limit for the Foxii to run?

Just curious if we were going to chasing any of the QRPP boys on this one!
<:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Wilford D. Lindsey" wrote:

>

> ATTN: All Summer FOXes:

>

> The schedule is set and soon the season will begin. Now I need to hear
> from all FOXes *and* all Alternates ASAP. Please send me a paragraph or
> two about yourself, your shack, whatever--things for the web page. If you
> can, also send a digital photo as an attachment.

>

> Please write within 48 hours, sooner if at all possible. Thanks, and I

> look forward to hearing. Thanks again for volunteering to be 2001 Summer
> FOXes.
>
> 72,
> --Doc/K0EVZ

Date: Mon, 18 Jun 2001 01:13:41 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100378] MH101: tee he he he tehe he he
Message-ID: <3B2D8E05.1607E7A4@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Finished off my MH101-SW30+ this evening. Passed the first smoke test,
but no noise in the rcvr and no RF out.

Many, many hours of o'scope probing, a smoked 2n3906 and a "borrowed"
2sc2078 from my SW80+ that I built from a kit. Had to move around a few
parts due some misunderstandings on my part, but finally... RF OUT and
big sigs in the rcvr. Ballparked the actual freq with my "big rig" and
got on the air with wires hanging out all over the place. The rig looked
like a bad batch of pasta with volume pots, but what the heck, it seemed
to be working....

Heard WY5P calling CQ and answered. Gary in Houston, TX (The RF Sink of
Texas I might add!) copied me 459, he was 579. He confirmed my 2w of
power said a few words and signed off.

W00000 H000000!!!!!! 2w from the top of VT to almost the bottom of TX on
a homebuilt rig - that is too cool! I'll go into some details about the
debugging, the smoked part and other stuff (it took me hours to get this
rig right) on my web page. Got lots of pics to post too. Also, still
have some annoying clicking in the headphones when I key the rig but the
signal seems to be clean.

QRT to bed... 73,

John, KB1ENS

--
John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>

Date: Mon, 18 Jun 2001 05:13:00 -0400
From: Bill Meara <n2cqrc@clix.pt>
To: qrp-l@lehigh.edu
Cc: homebrew@qth.net
Subject: [100379] 17mtr DSB - PTT T/R, receiver thoughts?
Message-ID: <3.0.6.16.20010618051300.209fa55c@pop.clix.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

While I have been having a lot of fun having QSO's with the three boards spread out on the operating table, the Transmit/Receive switching arrangement was getting kind of tiresome. I've been using my Drake 2-B as the inhaler, and for T/R switching I've been using the external relay that is controlled by the T/R switch on my Hallicrafters HT-37. On receive I'd also have to shut down the transmitter by removing the ground connection to the Gel-Cell. Like I said, kind of tiresome. And frequency spotting required even more gymnastics! To make matters even worse, it was taking a few seconds for the electrolytics in the microphone amp circuit to get going, so there would be an annoying delay every time I went from R to T... you know, just long enough to have the other operator start calling CQ again. And the HT-37 was heating up the room! Clearly something had to be done.

I found a suitable 4 pole double throw 12 V relay in the junk box and this morning I rigged up a much better TR scheme. The relay is superglued to the piece of pine that serves as the chassis. For the time being one pole switches 12 volts DC to all the transmitter circuits except the mic amp, which is powered up all the time. Another pole mutes the receiver and a third switches the antenna. I realize that the relay is a waste of energy, and that there are probably better ways of doing this, but this was a very simple way to allow for Push to Talk operation. PTT was a major improvement!

Getting the boards screwed down to the chassis was another big step toward making this thing seem like a real radio. I have the DSB generator on the left and the small RF AMP board in the back center. The VX0 box is elevated a couple of inches above the chassis by some pieces of wood -- this will allow the main tuning cap to be at a comfortable position on the front panel. The board on the right side has been left open for the DC receiver. I'll post some pictures next week.

Following Doug DeMaw's advice about raiding the kitchen for radio cabinet material, I got ahold of a couple of suitably-sized aluminum cooking pans. I should be able to make a good front panel from them.

So now my thoughts turn to the receiver. Obviously direct conversion using the RF from the VX0.

I'm thinking about using a diode ring mixer for the RX (I hate AM breakthrough). I have to leave the VX0 on all the time, and I'd like to avoid switching the VX0 output from the RX to the TX (potential for freq shift under different loads) but I'm a bit concerned that adding another Low Z port to the VX0 output might cause the input voltage at the TX L0 input port to drop considerably. Any ideas on this? How about an FET isolation amp between the VX0 and the diode ring detector? Or how about using one of those TV signal splitters at the output of the VX0?

I want to use discrete components in the RX. I think I want an RF amp stage (maybe grounded gate) just to get some additional tuned circuits between the mixer and the antenna. After the mixer I'll want some simple audio filtering (to get at least some selectivity). And enough audio to drive a small speaker. Any circuit suggestions?

Date: Mon, 18 Jun 2001 00:48:54 -0700
From: "Dave Fifield" <ad6a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100380] Re: FOX: Official Notice
Message-ID: <001e01c0f7cb\$237a1900\$0600a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What committee? I don't remember voting for any Fox Hunt Committee or giving my proxy to anyone! Self-appointed committees that start shouting the odds are doomed IMHO. We don't need no steenkin committee to ruin all the fun of our Fox Hunts.

Guys, it's a HOBBY!!! Get real. Relax and enjoy!

As Chuck has said on more than one occasion (and you can check this in the archives if you like) - "If you want to start an <insert your new operating event here>, go right ahead and organize it".

Fox Hunt II, The New Fox Hunt, Son of Fox Hunt, Foxx Hunt, whatever - you just go right ahead and organize whatever operating event you want to guys and call it whatever you like, we'll be there to have fun on the radio - what this is all about, remember?

72, Dave Fifield, AD6A

(snip)

> The QRP-L Fox Hunt Committee
> N1FN, N1TP, K0EVZ, K7QO, VE5RC

Date: Mon, 18 Jun 2001 00:59:45 -0700
From: Beth Gardner / Dan Maguire <BethDan@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [100381] Re: Suppression of Even Harmonics
Message-ID: <3B2DB4F1.E2D@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I did some modeling with EZNEC and XLZIZL, as follows: Using EZNEC, I created a simple 40 meter dipole at a height of 50 feet over real ground and adjusted the length to get resonance at 7.040 MHz. Length turned out to be 68.18 ft with a feedpoint Z of 88+j0 ohms. Then I ran a frequency "sweep" with only two freqs, 7.040 and 14.060 MHz. (Not quite harmonic, but I couldn't seem to make my fingers type in any other frequency!) At 14.060 the feedpoint Z is 5429-j647. I was careful to have enough segments in the modeled wire to meet the NEC guideline check at 14.060 MHz.

I read the EZNEC "Lastz.txt" file with XLZIZL. (Really not necessary with just two points, but saved me from having to re-enter the data.) First I modeled a simple feed system network of just 50 feet of RG-8X (Belden 9258). At the input end of the coax the Z is 65.4+j24.9 ohms at 7.040. Then I modified the feed system model to include a 1/4 wavelength shorted stub (28.64 ft at 7.040 MHz) at the transmitter. Then I modified the model again to remove the stub and instead inserted a low-pass L matching network. Finally I replaced the low pass L net with a high-pass T matching network (C-L-C), typical of most commercial tuners. Here are the results (looks best with a fixed pitch font):

Feed system	SWR@7.040	Attenuation@7.040	Attenuation@14.060
Coax line only	1.7	0.7 dB	15.1
dB			
Coax with s/stub	1.6	0.9 dB	40.4 dB
Coax with L net	1.0	0.5 dB	10.0 dB
Coax with T net	1.0	0.5 dB	~13-16 dB

The T net attenuation at 14.060 varies with the actual component values

used. Attenuation is also called insertion loss, or the magnitude of S21 expressed in dB. It was calculated with an assumed source impedance of 50 ohms. Note that the L and T nets were optimized to do the impedance transform between 65.4+j24.9 ohms (the Z at the input end of the 50 foot run of coax at 7.040) and 50+j0 ohms (what the transmitter wants). These networks were not optimized for harmonic rejection. (I'm sure Zack could tweak them for better harmonic rejection with only a slight increase in the SWR.) Keeping this point in mind, it's still kind of surprising that the attenuation at 14.060 is worse with the "low-pass" L net in place. On the other hand, the results are as expected for the (high-pass) T network, since these networks are designed to do impedance matching and not harmonic rejection.

Sorry for the long-winded post. I think the original question was "how much are the harmonics attenuated by using a stub" and the answer for this particular modeled scenario is "about 40 dB, or 25 dB more than without the stub."

73,
Dan AC6LA

Free EZNEC demo at: <http://www.eznec.com/>
(The EZNEC demo is restricted to 20 segments. IMHO the full EZNEC program is well worth the price, and besides, W7EL is a nice guy, gives great service, and has done a lot for ham radio.)

Free XLZIZL pgm at: <http://www.qsl.net/ac6la/>
(Requires Excel 97. You can also model feed systems with the free Serenade SV program, but with a much steeper learning curve [again IMO] because Serenade is such a powerful package.)

Date: Mon, 18 Jun 2001 07:34:06 -0400
From: "John Pate" <lighthousedx@hotmail.com>
To: qrp-1@Lehigh.edu
Subject: [100382] Repost: MFJ 9420
Message-ID: <F228kJXrRjBDt3HvoF00001a362@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Not much interest so I am reposting with price adjustment:

MFJ 9420 with CW board, microphone, manual, original box:

\$175 shipped

Tnx, John

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Mon, 18 Jun 2001 08:09:31 -0400
From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
To: "'jacksonharbor@att.net'" <jacksonharbor@att.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100383] RE: Field Day idea for the VE3DNL marker generator
Message-ID: <078F21595FA7D411B87B00805FA728E64A4852@atlexc02ntms.hboc.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

When I lived in Miami, a few years back (20), I built my own "repeller.." I used 10 KC and a 50 Watt amp and it worked OK. I could clear about 1/2 of a block around me. I had the speaker special made for me for 50 W CCS not peak power! A couple of neighbors loved it 8-).

Jerry
W3CDE

-----Original Message-----

From: jacksonharbor@att.net [mailto:jacksonharbor@att.net]
Sent: Sunday, June 17, 2001 3:05 PM
To: Low Power Amateur Radio Discussion
Subject: Field Day idea for the VE3DNL marker generator

Just had a weird idea - with Field Day coming up, and the mosquito population growing, why not try to rig up an electronic mosquito repeller from the VE3DNL marker generator?

I was just reading through an old issue of Popular Electronics (1970) - the author, Lyman Greenlee, presented a project called the bug shoo - this is basically an oscillator using a Unijunction transistor to drive a small earphone at about 2000-2500 Hz. This frequency is supposed to mimic the sound a male mosquito makes while flying - the female mosquito is apparently repelled by this sound and they are the ones that bite. The author also says that a frequency about 10,000 Hz drives all mosquitos away. A commercial mosquito repeller kit doc mentions 5000 Hz as a good frequency for repellancy.

Well, it should be pretty easy to hook a small piezo or even an earphone from a transistor radio to the 5 or 10 KHz output of the marker generator - maybe include a small pot in series to turn it down if needed.

I haven't tried this yet, but it should be pretty easy to do. I hope to find that Lyman should have actually been named Truman ;)

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press
<http://jacksonharbor.home.att.net/>

Date: Mon, 18 Jun 2001 08:23:24 -0400
From: "elawson" <elawson@lawson-philpot.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100384] QRP/PSK31 and FD
Message-ID: <003101c0f7f1\$78e61ee0\$0e01a8c0@office.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Considering PSK31 for FD. How popular has that mode been in the past and what is the consensus on how popular this year?

How has the collective experience been using QRP on FD? My assumption is that if you forget/ignore the fact you are running 5 W or less and just do it all will be well.

In the past I have tested the waters so to speak during off hours, but this year considering just staying QRP. Makes everything very simple and quiet. Or so it seems. Anyway, wondering what others have concluded from their experiences.

Ed Lawson
K1VP
NH

Date: Mon, 18 Jun 2001 07:30:37 -0500

From: "Andrew Catanzaro" <acatan@wi.rr.com>
To: <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [100385] Re: LDG Balun Question
Message-ID: <000b01c0f7f2\$7a766660\$6401a8c0@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George,

In my antenna/feedline system - 120 feet of 450 ohm ladder line feeding an inverted 160 foot-long vee shaped in a "U" around the property - the W2DU balun performs less well than an old-fashioned Heath air-wound balun in either a 1:1 or 4:1 configuration, and less well than a 4:1 toroid balun in the tuner. On all 160 through 10 meters, I get at least 30% more current into the feedline without any balun between the tuner and the feedline compared to what's left over after going through a W2DU balun.. For accuracy, I have two ways of measuring feedline current. One is with dual in-line thermocouples. The other is with a clamp-on RF ammeter. Both are in agreement.

Feedline balance? That's more a function of the antenna than it is the tuner or any balun. With all the configurations, including the one without the balun, feedline currents are within 5% of each other on all bands.

RF in the shack? With the balun on the output of the tuner, the stereo in the basement goes bananas on key down. With a current balun (15 turns of RG-213 on a 9" radius followed by 36" of FB-43-5621 and FB-43-1020 beads) between the tuner and the radio, there isn't a whimper out of the tri-amplified stereo, even with the phone pre-amp on (and it's on the same AC line and the interconnects in the stereo are NOT shielded) on key-down with a KW. There is no RF in the shack.

Also with no coax between the balun and the tuner, the opposite of what you describe, I don't have to think about the voltage breakdown ratings of RG-213. My tuner

chassis is on a plastic shelf
mounted near the ceiling where the feedline enters the shack. There are no
body-capacitance effects
as my operating chair is far away from the tuner. I extended the shaft on
the variable inductor so when
I make the final adjustments for the best match, even my fingers don't
affect the SWR. The SWR
stays put as I move away from the tuner. Obviously, a set-up such as this is
adjusted at QRP power
levels for safety's sake.

Roy Lewellen has written a mathematically correct dissertation stating it
doesn't make any difference
where a balun is placed - fore or aft. But his paper doesn't take into
account the losses incurred in
baluns themselves because of wild SWR's. In your case, the W2DU balun
connected to a balanced
line may not cause RF loss (have you actually measured this into varying
complex loads at different frequencies?),
but that's not the case for all of us.

Are your comments below derived from on-the-air experience or measurements?
I have worked tons
of DX with the W2DU balun on the output of my tuner, as you describe, and my
Sierra, but I work
more stations with less work with the arrangement I describe below.

"All antennas work, however, some work better than others."

Regards,
Andy W9NJY
Milwaukee

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, June 17, 2001 12:10 PM
Subject: Re: LDG Balun Question

> I have used this approach with good results, Andy.
>
> One comment, though: placing the balun on the tuner input helps the balun
> load situation, but does nothing to enhance balance of the feeder
currents.
> Any effects of feeder-current imbalance - radiation, etc. - will not be
> affected. And keep in mind that the tuner chassis, etc. is "hot" with r-f
> and is subject to body-capacity effects, etc. Keep it well separated from

> other equipment in the shack and don't be surprised if you have some "r-f
> in the shack" problems.
>
> I have found it much better to transition from ladderline to coax via a
> W2DU bead balun outside the shack and go to the tuner through 13 ft of
> RG-213 coax. The W2DU balun is insensitive to load or driving impedance
and
> does a great job of minimizing any outer-braid current on the coax, hence
> no r-f in the shack. I do this with two different antennas.
>
> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 55th year and it just keeps getting better!
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
>
> Andrew Catanzaro wrote:
> >
> > Another good option with a balanced antenna and an
unbalanced-to-unbalanced
> > tuner is to use NO balun between the antenna and tuner at all. Connect
the
> > balanced feedline directly to the coax out of the tuner. Put the
tuner on
> > a non-metallic shelf away from other metal objects, do not ground the
> > chassis, make sure the tuning knobs are large and non-conductive, and
do
> > not tune it when running high power. Put a current balun between the
tuner
> > and the radio, and that balun will ALWAYS be looking at 50 ohms. Balun
> > losses will be at a minimum. The tuner will tune the antenna/feedline
> > system, rather than introducing a third element that can only represent
> > inefficiency. Oftentimes this arrangement allows the use of less
inductance
> > in the tuner, which is the lowest Q component of any tuner (except the
ones
> > incorporating polymer spacers between capacitor plates), and this allows
for
> > less tuner losses at any power. This system has worked from QRP to 1 KW
for
> > me for years with no problem. For those of you who still don't believe
that
> > antenna tuners dissipate power, look at the "TL" programs included with
the
> > last couple editions of the ARRL Antenna Handbooks.
> >
> > Running QRP does not imply that one is careless or ignorant of the
> > inefficiencies of his station. If an inefficient

> > set-up is desired, that is another issue.

Date: Mon, 18 Jun 2001 08:34:02 -0500
From: George Franklin <w0av@juno.com>
To: elawson@lawson-philpot.com
Cc: qrp-1@Lehigh.EDU
Subject: [100386] Re: QRP FD
Message-ID: <20010618.083403.-11529.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Ed,

Our small FD group has been entirely QRP for the past eight years, with excellent results on all bands, CW and SSB. We use the BYOS plan (Bring your own station, including antenna, and use your own call).

We usually operate 80 through 10 meters, with most contacts on 40-20-15, with 10 very productive if it opens up on FD. Practically zero FD activity locally on 6,2 or 440 MHz. for some reason.

We have not yet tried PSK on FD.

We use simple wire antennas only about 30 feet (max) above ground level, suspended between trees in a local church lot.

Personally, I had been active on FD for over 50 years running about 100 watts (until going QRP FD, above) and the QSO totals did not decrease at all when I dropped to QRP power levels. I always search and pounce; CQ-ing isn't productive for me. Operation has been mostly CW, but some SSB also.

QRP FD is lots of fun. No generator noise, as we use battery power. You can enjoy the bird songs and other nature sounds.

This year two of the gang will be FDing at milliwatt power levels for the first time.

Try QRP FD!

72 de George/W0AV
Hamming since 1935

Date: Mon, 18 Jun 2001 09:33:39 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [100387] Re: RF switch relay specs?
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9EF4@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

It usually isn't too hard to figure the pinout of most relays.

I usually look for the coils with an ohmmeter. The supply voltage is easily determined with a variable power supply. It is a good idea to put a reverse biased diode across the coil under test to reduce the inductive switching transient that may generate a large voltage. Usually, the relay will just switch with a little more than half the rated voltage--a 28 volt relay may need 15 volts. 24 to 28 volts is very common for military surplus.

Some relays do have indicator contacts and unused pins. There are also relays designed to be controlled by digital logic signals, but I doubt many hams see these surplus.

In many cases, RF relays are limited by what the connectors can handle--compare your relay against commercial products.

73--Zack W1VT

Date: Mon, 18 Jun 2001 08:46:01 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <w2kj@earthlink.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [100388] EDZ models very well into UHF
Message-ID: <006d01c0f7fd\$03523680\$4e100a0a@rohredt2000>

Joe,
I modeled the Extended Zepp after FD a couple of years ago, or rather I should say "Buck" Reid, K5FX did the models for me. (Thanks again).

The EDZ gets a lot of lobes all the way to 440 MHz, but would be a viable gain antenna! This was based on an 80m one, with 175 foot legs.

I am glad to hear of actual operations with one on 6m.

72,

Stuart K5KVH

Date: Mon, 18 Jun 2001 09:02:44 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <crmabbott@mediaone.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [100389] 5 MHz band experiments a success
Message-ID: <007f01c0f7ff\$58ee3060\$4e100a0a@rohredt2000>

Jim Haynie, ARRL President, addressed the 5 MHz band proposal at Arlington Ham Com a couple weeks ago.

The experiments showed that a band at 5.1 MHz would be useful in North America for emergency use to supplement the transition from daytime use of 40m to night time use of 80m, which during emergency nets is often beset by summer static, and other problems. The ARRL will propose a 100 kHz band at 5.1 much like the other WARC bands. No breakdown of modes was stated, but probably this is being thought of as a digital mode adjunct, for emergency and normal ham comms, and probably the usual other modes, which heavily use SSB for emergency nets.

If this band is thought of as primarily for improving emergency uses, then a small voice band would not be a problem as the nets are usually on using two frequencies in each band for Health and Welfare inquiries on one and try Emergency official traffic on the other.

The band as they will propose will be a North American allocation first.
72,
Stuart K5KVH

Date: Mon, 18 Jun 2001 08:02:05 -0400
From: Walter D Amos <walt_amos@juno.com>
To: qrp-1@lehigh.edu
Subject: [100390] Code practice on our frequency
Message-ID: <20010618.100846.-164241.1.walt_amos@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks:

I hear all kind of different stuff on 7.040 from rtty to guys just pushing the dot side of there paddles to really see if that little radio works. Most of the times I call CQ it is above 7.040 where I can find a quiet frequency and if you are not Xtal controlled people seem to find me. Lots of other folks to work in that area, some qrp and some qro.

Walt K8CV

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 18 Jun 2001 10:27:28 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [100391] Re: Refarming the Novice bands

Message-ID: <002501c0f802\$d0ae97e0\$6b01a8c0@INSYDENT>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ok, how about this....

We want CW operators, right? And since there are no new Novice licenses, how do you get people involved with CW?

Let's open at a portion of each Novice CW space to Techs. Those WITHOUT a verified CW skill, as a place to LEARN CW.

The treaty you say? Well, the only way to get in there would be to use CW, and the treaty doesn't say WHAT their CW proficiency is. I would argue that the only way someone could get on there at all would be to use CW, and to use it they have to learn it. So what if it's only 1 WPM. So what if they use a 'cheat sheet'. There would be a LOT of operators that would suddenly find CW something neat to play with. And they'd quickly want to get a little better.

How many? Well, right now I'd bet that 95% of HAMS get to the 5wpm and don't bother doing more. Why? Because of that 5wpm line in the sand. They don't really GET exposure to 'playing radio' with CW except a bit AFTER they cross that 5wpm line in the sand. And by then a lot of them are chomping at the bit to move on to SSB or digital modes.

But if they at least had a CHANCE to be exposed to real CW on the air, crude and slow and as bad as it will probably be, I'd be surprise if there weren't a LOT more (percentage wise) of the people who try it that wouldn't just find out how much fun it could be, and want to keep at it. Oh, not to be the diehard CW operator type, but I'd bet there's be a lot more people casually enjoying CW than before.

How much of the novice subbands? I initially was going to say half, but then I felt that was too much. Then again I thought how empty the novice sections are right now and I want to say half again. Truth is, I don't know. And I don't even have a gut feeling on it that I could justify.

The gauntlet is down.... Let's argue this out!

Mike

Date: Mon, 18 Jun 2001 09:44:12 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "ZOOM" <kandrparker@sympatico.ca>
Cc: <qrp-1@Lehigh.EDU>
Subject: [100392] Re: [Elecraft] Flux cleaners?
Message-ID: <00bd01c0f805\$23d39e50\$4e100a0a@rohredt2000>

Robert,
With all due respect, commercial flux uses are usually bulk fluxing applied to boards being wave soldered, or assembly line techniques that may have less skilled assemblers putting on flux with acid brushes, and not being careful of how much they use. The cited paper is good in the industrial context in which it was intended.

For 45 years, I have used low flux residue solders such as Multicore Solders. They used to be called Ersin Multicore when it was imported from England, but now they have a factory in Richardson TX under the name Multicore Solder. With 5 tiny flux cores, you get good wetting of the joint as the solder melts without the excess of rosin or activators. My first kit was a Heath DX 20 and no corrosion has happened in all these years. All I did on it was to scrape off any visible rosin after I got finished. At that time, I used Kester solder with its one large flux core. But after that, I switched to Multicore, and have always had cleaner work with it.

I have a shelf full of kits and no solvent cleaning of flux has been done. When the environmental hazards of flux cleaning made it more difficult to get solvents at work, we stopped cleaning production boards there as well and used only Multicore solder and no problems after several years, and the lifetime of the products.

72,
Stuart K5KVH

Date: Mon, 18 Jun 2001 08:26:38 -0700
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-1@lehigh.edu>
Cc: <elawson@lawson-philpot.com>
Subject: [100393] Re: QRP/PSK31 and FD
Message-ID: <002101c0f80b\$1156be00\$0c00a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Except for the added requirement of the computer and display, it will work great. I spend 98% of my time on 14070+ listening with an old Collins R-388 that I put a "wrong" (mismatched) mech filter in to get some decent selectivity. I'm sure I gave up 10db of sensitivity and I have only a hb base loaded vertical (less than 9ft) but it is very common to see 10-12 signals in my 2.7Khz passband. ZL,VK, Jx, TG9, CE6, HB9, HK4, FK8, DR5, PJ2, DL1, OA4, EA1, RV6 just looking back the last 7-10 days. And most operators say they are running 20 Watts, with a few in the 35-40 watt range. I have seen a few stateside ops sign /QRP,

For any die-hard CW ops that think PSK31 is another one of those stupid packet or TOR modes, you will be shocked and amazed when you see this mode setup and operated properly. Did I mention that it is very common to get 95% copy from a thin blue line on the screen when you can hear nothing, ABSOLUTELY NOTHING, in the speaker? The 2nd time that happened to me, I became a believer ;-) After all, any flukey thing can happen once, right?

Probably the 2 biggest hurdles are a generation of ops that are not really computer comfortable and that miserable excuse of an operating system M\$ has foisted on the masses, i.e. Win_Anything.. I have never seen a straight key operator get a "Blue Screen of Death" in the middle of a contest<G> But the mode itself is great.

OMHO and YMMV,

Gary

----- Original Message -----

From: "elawson" <elawson@lawson-philpot.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, June 18, 2001 5:23 AM

Subject: QRP/PSK31 and FD

> Considering PSK31 for FD. How popular has that mode been in the past and
> what is the consensus on how popular this year?
>
> How has the collective experience been using QRP on FD? My assumption is
> that if you forget/ignore the fact you are running 5 W or less and just do
> it all will be well.
> In the past I have tested the waters so to speak during off hours, but
this
> year considering just staying QRP. Makes everything very simple and
quiet.
> Or so it seems. Anyway, wondering what others have concluded from their
> experiences.
>
> Ed Lawson
> K1VP
> NH
>
>
>

Date: Mon, 18 Jun 2001 08:39:42 -0700

From: Phil Wheeler <w7ox@earthlink.net>

To: dtx@wood.tzo.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [100394] Re: QRP/PSK31 and FD

Message-ID: <3B2E20BE.FA0F45B0@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

DTX wrote:

>

> Probably the 2 biggest hurdles are a generation of ops that are not really
> computer comfortable and that miserable excuse of an operating system M\$ has
> foisted on the masses, i.e. Win_Anything.. I have never seen a straight key
> operator get a "Blue Screen of Death" in the middle of a contest<G> But the
> mode itself is great.
>

The 3rd problem is that even laptop computers are not really QRP. So, while you can power a 5 watt rig from a reasonably sized battery for the weekend, the computer is not so easily dealt with. And my take is that if the computer is essential to the station (vs. just used for ancillary activities like logging) it must be powered in the same class as the rig (e.g., battery vs. mains) for FD purposes.

Phil W7OX

Date: Mon, 18 Jun 2001 11:58:56 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100395] MH101: 2n4126 for 2n3906
Message-ID: <3B2E2540.D68AFEDA@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello again,

I managed to let the smoke of the 2n3906 used in the keying circuit while testing my rig yesterday (shorted something to ground and piffff). I subbed a 2n4126 from my junkbox for the part as I didn't have another 2n3906.

In looking at the spec sheets, the 2n4126 looks like the same part as a 2n3906 only it handles lower power.

Is this correct?

Also, as I mentioned before I've got a bit of audible click in my headphones when keying the rig - could this substitution be part of the problem?

Tnx es 73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Date: Mon, 18 Jun 2001 10:56:56 -0500
From: "George, W5YR" <w5yr@att.net>
To: ad6a@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100396] Re: FOX: Official Notice
Message-ID: <3B2E24C8.CC489777@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is interesting that a single person was able to organize and pull off the Pesky Texas Fox Hunt . . . with a little help from his friends, of course.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Dave Fifield wrote:

>
> What committee? I don't remember voting for any
> Fox Hunt Committee or giving my proxy to anyone!
> Self-appointed committees that start shouting the
> odds are doomed IMHO. We don't need no steenkin
> committee to ruin all the fun of our Fox Hunts.

Date: Mon, 18 Jun 2001 08:59:28 -0700
From: Louis Hlousek <lhlousek@nvhbell.net>
To: myetsko@insydesw.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100397] Re: Refarming the Novice bands
Message-ID: <004501c0f80f\$a77f2760\$650dfea9@nvhbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

<<<Let's open at a portion of each Novice CW space to Techs. Those WITHOUT a verified CW skill, as a place to LEARN CW.>>>

Dude! A most excellent idea!

Lou W7DZN

Date: Mon, 18 Jun 2001 11:16:42 -0500
From: "Randall Jouett" <rules@bellsouth.net>
To: <walt_amos@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100398] Re: Code practice on our frequency
Message-ID: <002401c0f812\$106c32c0\$55084ed8@rules>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: Walter D Amos <walt_amos@juno.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, June 18, 2001 7:02 AM
Subject: Code practice on our frequency

Hey Walt and others,

> I hear all kind of different stuff on 7.040 from rtty to guys just
> pushing the dot side of there paddles to really see if that little radio
> works.

I hear this all too often.

> Most of the times I call CQ it is above 7.040 where I can find a
> quiet frequency and if you are not Xtal controlled people seem to find
> me. Lots of other folks to work in that area, some qrp and some qro.

Well, xtal-controlled rigs are what the problem is, Walt.
Unfortunately, many of these simple rigs that we build,
either home-brew or by kit, usually only have a single
frequency of operation. Some of them might have a
VXO and can tune around a tad, but usually they wind
up only moving a few KC's plus or minus the 7.040
and are still plagued by RTTY and other digital modes.

Some might say that the solution to the problem is

just to get on a better rig that has a VFO and find a clear frequency to operate on. Well, that's all find and dandy, but what about that Pixie II or other simple rigs that are just sitting there gathering dust? What about all these articles in the ham rags that are telling us that amateur radio isn't an expensive hobby and go on to prove their point by showing us some ultra-simple xtal of VXO rig that can be used on the American QRP frequency of 7.040? What if a ham wanted to build and operate Dave's (K4TWJ) tube QRP rig that he described in CQ a few years back? Do you think that person would feel left out or abused if he turned the rig on and found out that he wasted all of his time because Joe Blow operates RTTY or some other digital mode on the frequency ever night?

When you think about all this, all this stuff really started when amateur packet started up and users decided that they needed their own frequency range to meet other hams interested in that particular mode. Well, with 7.100-7.150 being the novice bands, they decided that area wouldn't be too cool. With 7.050-7.100 being "reserved" for RTTY -- this is all by gentlemen's agreement, of course -- that wouldn't be too cool, either. Now the digital-mode operators are in a fix, because they have to find a frequency range to operate so they can meet others that are also interested in that mode of operation. They really need to find some range of frequencies some where.

Anywho, the digital guys out there throw frequency ranges around on the net and in the ham rags, and 7.050-7.075 is agreed upon. They all say that these new digital modes are the closer to RTTY operations than any thing else, so that's the battle plan. I agree with this wholeheartedly, by the way, but there is a problem...

The problem is that they aren't sticking to their agreements and moving all over the band, rationalizing their "intrusions" on other frequencies by saying it's a digital mode, and digital modes on 40 meters can be used across the entire band. From a legal standpoint, they are absolutely correct; however, this is not what the amateur community agreed upon, and now all kinds of arguments and hassles are showing

up all over the bands and the net. RTTY and CW operators -- who have been using these frequencies for a LONG time! -- feel like they are being shoved aside, pushed out, and they are even being told by a few digital-mode operators that they are stupid, set in their ways, and need to investigate newer modes of operation.

With the digital modes becoming more popular, the users of these modes are maxed out -- and then some! -- for space. Because of this, the digital users are being forced to search for more spectrum on the band. They are practically being forced to move into the Novice band, RTTY frequencies, and even in the "CW section" on 40. These "intrusions" into "others' operating-frequency ranges" are what is causing all the problems. The way I see 40 these days, it's pretty much become a free-for-all, and all you have to do find a clear frequency and start calling CQ, no matter what digital mode you are using.

IMHO, it's not any the digital-mode operators fault that this is happening. It's a mode of operation that is now legal on the ham bands, and with people buying and building equipment to operate these modes, you can be damn sure that they are going to use them. With that in mind, and if I was to point the finger at any one, I'd have to say that the current situation on 40 is happening because the league and other amateur organizations haven't stepped up to the plate and told amateurs in their magazines that particular frequencies are "reserved" for particular modes of operation on a constant and continuous basis. As a matter of fact, it might be a good idea if all the magazines published some kind of frequency-usage chart in every issue that explained what modes of operation are frequency ranges are being used by gentlemen's agreements. I don't know if this will ever happen, but, IMHO, that might help this situation a bit.

BTW, all those double quotes that I've used are pointing out that all of this is by gentleman's agreement. UNFORTUNATELY, some operators are not following these so-called rules and they are causing a LOT of mayhem on the bands. Be that as is may, it's about time the league

steps up and says, "This is were we operate this particular mode" and continue to tell us that in the books, magazines, and even in the handbooks. If we are going to be self-policing like the FCC wants us to be, then it's about time that we jump in fire and start cooking. :^)

Well, that's my two cents on this subject, which I'm sure has been hashed out many times here. To keep the noise down, though, I'll reply to these comments in e-mail and keep it off the list.

Randy

--

"QRP-L's Ever-Infamous" AB5NI

P.S.

For you new dudes, when you see the word infamous being used on QRP-L, those "comments" are being directed toward me because of postings such as this one. If this is what it takes to become "infamous," then by all means I fit that roll and accept those comments as a term of endearment, which is fine by me. Kewl :^).

P.P.S.

Well, at least there was SOME QRP content :^).

Date: Mon, 18 Jun 2001 10:15:14 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [100399] RAC July 1 contest Canaday program
Message-ID: <Pine.LNX.4.33.0106181008200.15714-100000@neale.gpfn.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The latest version of Canaday will be appearing on the QRP-Canada web page which is located on the RAC Web site.....this version will accept the new 3 digit calls (K1A, W3B, etc)....the Can-Sort program which is used after

the contest will have an e-mail function in it as well as the old print function.....this e-mail function is being checked out by the Contest Managers right now and hopefully, with their approval, the new Can-Sort program will be put on the site for downloading as well any day now; hopefully asap....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
K2#2032 A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Mon, 18 Jun 2001 10:21:17 -0600
From: k0co <k0co@arrl.net>
To: ham_QRP-l <qrp-l@lehigh.edu>
Subject: [100400] Don't miss it...
Message-ID: <3B2E2A7D.462D5B35@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Don't miss it..... :-)
http://www.geocities.com/k0co_5/p5_k0co.htm

Date: Mon, 18 Jun 2001 11:38:41 -0500
From: "Brian Murrey" <bmmurrey@amexol.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [100401] More scrounging
Message-ID: <002f01c0f815\$23c6b2c0\$7b486f40@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey gang,

I came across a box of 500 .1 uF bypass caps. These are marked 104K which should mean they're .1 uF at 10% tolerance. These are ceramic disk caps.

Is your junkbox hungry?

How about 50 for \$3 or 100 for \$5.00 (they're abt 15 cents each from Mouser) and two stamps?

Let me know if you're interested.

73 es "oo"

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Mon, 18 Jun 2001 09:41:37 -0700
From: "blinn" <blinn@smgazette.com>
To: <john@neknetwork.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100402] Re: MH101: tee he he he tehe he he
Message-ID: <002001c0f815\$8cb8d920\$a8b8e5d8@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Congratulations John, I know the feeling but not from my finished 101...
I'm sitting here with the vfo section finished. Still not too confident
that I can get it done without more artwork.

Going camping this week and will be operating on 20 and 40 from somewhere
along the shadowy St. Joe River. So, maybe I'll come home rejuvenated and
raring to get to work on the MH101!

Bill - WA7TQK

--

Date: Mon, 18 Jun 2001 11:59:12 -0500
From: "George, W5YR" <w5yr@att.net>
To: BethDan@pacbell.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [100403] Re: Suppression of Even Harmonics

Message-ID: <3B2E3360.EA05779F@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Dan, did you make any measurements in the vicinity of 14.060 to see the effect of stub Q on performance? The "conventional wisdom" is that a stub can provide excellent spot-frequency operation but suffers from a relatively broad frequency response.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR, in the 55th year and it just keeps getting better!

Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Beth Gardner / Dan Maguire wrote:

I think the original question was "how

> much are the harmonics attenuated by using a stub" and the answer for

> this particular modeled scenario is "about 40 dB, or 25 dB more than

> without the stub."

Date: Mon, 18 Jun 2001 13:00:32 -0400

From: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>

To: "'rules@bellsouth.net'" <rules@bellsouth.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [100404] RE: Code practice on our frequency

Message-ID: <078F21595FA7D411B87B00805FA728E64A485F@atlexc02ntms.hboc.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Randy et all,

In my Not so humble opinion... The NON high tech technology it takes to "rubber" a crystal frequency, a choke or a capacitor, it is not a high cost item for a simple rig to move around a bit. What is starting to raise smoke is seeing an "I own the frequency" not necessarily your comments, like the "FISTS" group on XX58... If you do not have a FISTS number, they will not talk to you and will not acknowledge their existence. They feel they own the xx58 frequency. Then they complain there is no one to talk to... Let us not get to that attitude under any circumstances. I usually ignore them due to the fist of the FISTS member is so bad they are extremely difficult to

impossible to copy. Yes I can do 35-40 WPM on CW, it is my preferred mode, and has been since 1953. I have also been QRPing since then, usually around 1 watt. I do agree people are wandering all over the place with different modes. There are frequency allocation and gentlemen's agreement frequencies available on the ICOM and ARRL sites. It is worth the download time to see where you should be. However, rather than complain about someone being where they do not belong, I whole heartedly suggest, take the time to go back to them in their mode and inform of the "policy" for the frequency they are operating... Less hard feelings and a more gentlemanly/friendly approach to the problem. No one gets beat up and you help them understand where they went wrong. As for sitting on a frequency, if you get to a "NET" frequency before a net starts up, the net is required to move if you refuse to move! Without them griping about your being there. They do not own the frequency!! I will admit you may be a whole better off going elsewhere, because you may never find anyone else to talk to on that band... no payback here.

my \$0.01 worth
Jerry
W3CDE

-----Original Message-----

From: Randall Jouett [mailto:rules@bellsouth.net]
Sent: Monday, June 18, 2001 12:17 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Code practice on our frequency

snip

Well, xtal-controlled rigs are what the problem is, Walt. Unfortunately, many of these simple rigs that we build, either home-brew or by kit, usually only have a single frequency of operation. Some of them might have a VXO and can tune around a tad, but usually they wind up only moving a few KC's plus or minus the 7.040 and are still plagued by RTTY and other digital modes.
snip

Date: Mon, 18 Jun 2001 13:08:13 -0400
From: "Ron McConnell" <rcmcc@lucent.com>
To: "'NJQRP'" <njqrp@njqrp.org>, "'HFPack'" <hfpack@yahoo.com>, "'QRP-L'" <qrp-l@lehigh.edu>, "'Rick-WB2QOQ Anderson'" <wb2qoq@lucent.com>
Cc: <w2pm@aol.com>, <tom@w1tp.com>
Subject: [100405] Morse Code on History Channel, "This Week in History", June 18?
Message-ID: <005701c0f819\$42a1ba60\$see051187@amc.belllabs.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On yesterday's (Sunday, June 17) noon broadcast of "This Week in History" on the History Channel, they advertised the next show saying something like " ... next week... Did Morse invent the telegraph and Morse Code?"

The History Channel website has the same advertising blurb about "Who Killed Bugsy Siegel?" for the 8PM TWiH show tonight at 8 PM EDT, Monday, June 18 (and repeat at midnight EDT) as they do for next Sunday, June 24.

So, just _maybe_ the Morse piece will be on tonight. At any rate keep an eye out for it.

PBS filmed a documentary at Historic Speedwell, the Morse/Vail workshop museum in Morristown, NJ back in February. It was expected to be shown in May. It hasn't shown up yet on the June PBS TV schedule. I accidentally met Pete Malvasi, W2PM, who is connected to Historic Speedwell, at the Dunellen hamfest yesterday. He was chatting with Tom Perera, W1TP, whose keys I was admiring. Pete is going to contact PBS about the date for the showing. He believes that they are spending extra time in crosschecking the story since it contradicts all of the history books.

This History Channel blurb may be a bit of publicity resulting from the PBS project.

Cheers, 73,

Ron McConnell
w2iol@arrl.net

Date: Mon, 18 Jun 2001 14:13:16 -0400
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [100406] Re: Suppression of Even Harmonics
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9EF8@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The notch of a high Q stub is rather narrow, so you can't move far off frequency and still get a lot of rejection.

The difficulty with an L network is that it only has two elements--you only get 6 dB of rejection per element per octave past the 3dB cutoff point. Nor is 3 dB of attenuation acceptable, so you move the cutoff point higher. Thus, you won't see 2*2*6 dB or 24 dB of attenuation until you get well past 14 MHz.

5 elements in a low pass filter is good engineering practice at HF.

73--Zack W1VT

Date: Mon, 18 Jun 2001 14:28:55 -0400
From: Pete Burbank <plburbank@kih.net>
To: k0co@arrl.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [100407] Re: Don't miss it...
Message-ID: <5.0.2.1.0.20010618141614.00a83ec0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:21 AM 6/18/2001 -0600, k0co wrote:
>Don't miss it..... :-)
>http://www.geocities.com/k0co_5/p5_k0co.htm

I believe this website is promoting a contest (foxhunt) on 30 meters.
Does this conform to the WARC agreements?
Pete NV4V

Date: Mon, 18 Jun 2001 13:34:07 -0500
From: "Brian Murrey" <bmmurrey@amexol.net>

To: "pigs" <fpqrp-1@mpna.com>, "QRP-L" <qrp-1@lehigh.edu>
Subject: [100408] Caps are Gone
Message-ID: <006d01c0f825\$430a49c0\$18486f40@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry guys...the caps are all gone.

Wish I had more, that was a great price and the demand seems to be high.

I find stuff like this from time to time, if it's no problem I'll post my scrounges here when I find something.

Oh and thanks to the ONE person that thinks I'm getting rich and taking advantage of the list. Have a nice day. My entire warehouse of parts and junk resides in about three rubbermaid containers. Geeeeesh.

72 es "oo"

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Mon, 18 Jun 2001 13:41:04 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@lehigh.EDU>
Subject: [100409] web links from NorTex
Message-ID: <003101c0f826\$3ad00190\$4e100a0a@rohredt2000>

Hi all,
discussion on and off list lead to questions on where prior experiences with Radiokit (out of business firm) could be found, for one wanting to improve its xmtr.

Thanks to Joe Spencer, NorTex
Club web page has useful QRP Links, including QRP-ARCI, which I think has link to QRP-L archives as well as some newer reviews that were desired like

the MFJ Cub.

Anyway, here is a great set of links, Thanks Joe!

<http://www.quadj.com/JSQRPLNK.HTM>

72, Stuart K5KVH

Date: Mon, 18 Jun 2001 13:49:08 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: plburbank@kih.net, Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [100410] Re: Don't miss it...
Message-ID: <3B2E4D24.9AF65D4E@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Pete Burbank wrote:

>
> I believe this website is promoting a contest (foxhunt) on 30 meters.
> Does this conform to the WARC agreements?
> Pete NV4V

No contests on WARC bands is gentlemen's agreement promoted by ARRL/IARU to help avoid interference to commercial and military interests on the band which have primary rights to the allocation.

There is no FCC rules dealing with 30 meters other than who can use the band, and power and mode limitations.

There are Dx pileups on WARC bands all the time. If someone is running a fox hunt on 30 meters I dont see problem as long as FOX picks frequency far away from commercial users and makes sure that the pileup remains close to the Fox and away from commercial users.

73 de Dave, N0IT

Date: Mon, 18 Jun 2001 11:50:12 -0700
From: "Phinizy, William" <wphinizy@filenet.com>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [100411] Re: PSK-31 FM Question
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B77122@hq-expo2.filenet.com>

Thanks to all who replied..and the information/suggestions. The point of the exercise was to investigate the workability of VHF/FM simplex using PSK-31.

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Mon, 18 Jun 2001 12:00:16 -0700
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [100412] Re: Code practice on our frequency
Message-ID: <F115GJ2TUSzbAUfKRfc00003547@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Randall Jouett (rules@bellsouth.net) wrote:

>Well, xtal-controlled rigs are what the problem is, Walt.
>Unfortunately, many of these simple rigs that we build,
>either home-brew or by kit, usually only have a single
>frequency of operation...
>Some might say that the solution to the problem is
>just to get on a better rig that has a VFO and find
>a clear frequency to operate on. Well, that's all find
>and dandy, but what about that Pixie II or other simple
>rigs that are just sitting there gathering dust?

IMHO: let them gather dust.

It's 2001, and with band conditions the way they are,
crystal control is no longer tenable. VXOs are a good
compromise.

Nobody ever guaranteed that a particular rig design
(or mode, or anything else, for that matter) would be
useful forever.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Mon, 18 Jun 2001 19:44:09 +0000
From: Garie Halstead <k8kfj@ntelos.net>
To: Dave Sjolín <sjolin@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100413] Re: Don't miss it...
Message-ID: <3B2E13B9.B2105D8E@ntelos.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Monday, 18 June 2001, Dave Sjolín wrote:

> If someone is running a
> fox hunt on 30 meters I don't see problem as long as FOX picks frequency
> far away from commercial users and makes sure that the pileup remains
> close to the Fox and away from commercial users.

Hey Dave...are you saying that chasing and working Foxes + keeping a
log of same is not competitive and thus doesn't fit the definition of
contesting????

I may have to differ with ya on that one. HI

72 //Gary *K8KFJ*

Date: Mon, 18 Jun 2001 15:16:11 -0500
From: "Randall Jouett" <rules@bellsouth.net>
To: <qrp-1@Lehigh.EDU>, "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
Subject: [100414] Re: Code practice on our frequency
Message-ID: <009301c0f833\$8546bcc0\$55084ed8@rules>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Lofstead, Jerry <Jerry.Lofstead@itb.mckhboc.com>
To: <rules@bellsouth.net>; Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, June 18, 2001 12:00 PM
Subject: RE: Code practice on our frequency

Hey Jerry,

> In my Not so humble opinion... The NON high tech technology it takes to
> "rubber" a crystal frequency, a choke or a capacitor, it is not a high cost
> item for a simple rig to move around a bit.

True, and I agree wholeheartedly; however, there are problems with this:

- 1) The vast majority of the hams these days are not curious enough to pick up a book and read up on how to do this.
- 2) A lot of hams -- including myself -- don't want or need to be told how to operate our stations.
- 3) This simple modification that you are mentioning is beyond the ability of most hams. That is, if they add some additional inductance and capacitance to the circuit and the transmitter winds up sounding like crap, instead of asking how to solve the problem or trying to solve it themselves, they'll just remove the mod and put the rig back to the way it was before.
- 4) Some people -- including myself -- don't want to make this addition to antique radios or radios that they've built. They think that the mod will take away from the value of the rig or will remove its historical significance. What's the use fixing up an old rig or building up a replica if you have to add other, unnecessary components? If they are going to change the rig to do this, they might as well leave that rig alone, build up another rig that has a decent VFO, or use another rig in the shack that has VFO capability. For a lot of people, these are not options. If they are options, then why should they have repaired or built up the rig to begin with? You are trying to say that there is a bottom line here, but this situation is much deeper than you are trying to portray, my friend.

> What is starting to raise smoke is seeing an "I own the

> frequency" not necessarily your comments, like the
> "FISTS" group on XX58... If you do not have a FISTS number,
> they will not talk to you and will not acknowledge their
> existence.

Screw em. Their loss, if you ask me.

> They feel they own the xx58 frequency. Then they complain
> there is no one to talk to... Let us not get to that attitude under
> any circumstances.

I totally agree with you on this!

> I usually ignore them due to the fist of the FISTS member is
> so bad they are extremely difficult to impossible to copy.

LOL! That sounds about right :^). OTOH, maybe they
are either rusty at CW or newbies trying to improve their
fists? Shrug. I chose to take the optimistic viewpoint on
situations like this. Well, until proven otherwise :^).

> Yes I can do 35-40 WPM on CW, it is my preferred mode,
> and has been since 1953. I have also been QRPing since then, usually around
> 1 watt. I do agree people are wandering all over the place with different
> modes. There are frequency allocation and gentlemen's agreement frequencies
> available on the ICOM and ARRL sites.

Evidently, the league and other magazine publishers need
to post them more often. Like I said, every month would be
fine with me and should help to some degree.

> It is worth the download time to see where you should be.
> However, rather than complain about someone being
> where they do not belong, I whole heartedly suggest, take the time to go back
> to them in their mode and inform of the "policy" for the frequency they are
> operating.

I've tried this. This just starts arguments, unfortunately, and
they come back with, "I was operating here and will continue
to operate here if you don't shut up!" Control-freak BS. BTW,
I do this when they plop down on 7.040 and totally destroy the
QRP conversation that I was holding. They'll also come back with,
"Well, you should quit operating that QRP crap and get yourself

a big antenna and amplifier so that you can be heard!" They'll use any and every excuse to justify their actions. A small portion will say that they are sorry and quit transmitting, though.

> Less hard feelings and a more gentlemanly/friendly approach to
> the problem.

As I've said before -- and believe this or not! -- I have tried this many, many times, and I am a gentleman. As a matter of fact, most of my postings like this one are done because I was raised to be a gentleman, and I'm not seeing others act this way! Everyone says that they are acting like a gentleman, yet put them on the air and they think that they own the frequency. The only time I ever say anything about this to anyone on the air is when my QRP conversation gets stomped on. If I hear someone operating any mode on a particular frequency that I'd like to operate on, I either go and operate on another frequency, operate on another band, stand by and wait for the frequency to be clear, or flip the switch on the rig and go do something else. Unfortunately, we live in a "I want it NOW!" society and people think that it's ok for them to do whatever they want on the bands and it's ok, because they've worked hard all day and deserve to operate their equipment when and where they want to. Gentlemen? Hardly.

> No one gets beat up and you help them understand where they
> went wrong. As for sitting on a frequency, if you get to a "NET" frequency
> before a net starts up, the net is required to move if you refuse to move!

Yet again, I agree. Also, you might not believe this, but when I do complain about situations and write these mega-huge postings, I'm not doing it for myself, complaining because I'm not getting my way. I'm doing it because I want people to think deeply about the things they are doing and trying to get them to question their actions. I'm hoping that I can get other amateurs to question their motives and ask themselves why they are operating out of their designated band segments. As they say, though: "The road to hell is paved with a lot of good intentions." If that's what it takes, though, then that's what it takes. If I'm considered to be a bad guy for doing this, then so be it. That wasn't and has never been my intention, though. As a matter of fact, for those who remember the other topics that we discussed a couple of years back,

go back and read my statements and you'll notice that I was saying this stuff to help my fellow amateurs. That's not the way that it turned out, though :^/.

> Without them griping about your being there. They do not own the
> frequency!! I will admit you may be a whole better of going elsewhere,
> because you may never find anyone else to talk to on that band...
> no payback here.

I agree, and that's what I do. Either that, or I turn on the tube and watch PBS, The Learning Channel, or some other educational television program. Either that, or I visit my girlfriend or go read a good book on electronic design or computer programming . (Yes -- I'm one of your average, every-day geeks :^)).

Nice talking to you, Jerry, and 73...

Randy Jouett

--

QRP-L's Ever-Infamous AB5NI

P.S.

This is absolutely my last word on this subject on the list. If someone feels they need to get in the last word, then by all means take it. As I said BEFORE, if you want to discuss this with me, SEND ME E-MAIL.

Date: Mon, 18 Jun 2001 15:16:59 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: k8kfj@ntelos.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100415] Re: Don't miss it...
Message-ID: <3B2E61BB.71C6E1E3@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Garie Halstead wrote:

> Hey Dave...are you saying that chasing and working Foxes + keeping a
> log of same is not competitive and thus doesn't fit the definition of
> contesting????
>
> I may have to differ with ya on that one. HI

Its no more competitive than a 5R8 or 7Q7 showing up on the band and working a pileup. Actually its LESS because there should be no excuse for a fox pileup to cover more than one or two khz max. When I was fox, I seldom worked anyone more than 300 hz off my frequency, even at the beginning.

A fox hunt by definition means that all of the callers are going to be located on or very near one frequency. In a "contest" you have hundreds or thousands of operators calling cq from one end of the band to another. After while, some operators will get carried away by the adrenelin and not pay attention to who that station is that have notched out in their receiver who is down 300 hz from their frequency. On 30 meters it could be a commercial or military user and not just another contester.

73 de Dave, N0IT

Date: Mon, 18 Jun 2001 14:13:35 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: sjolin@swbell.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [100416] Re: Don't miss it...
Message-ID: <20010618211335.4448.qmail@web14204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Dave, you are part right about the reason for no contest on the WARC bands.
The other reason is to give the non-contester a band to use away from the contests.

Yes it is a gentleman's agreement, and therefore, as the gentelmen qrpers that we are, tell these clowns to go somewhere else.

No contest means no contest. The fox hunts were not

started to be a contest, but they have become one.

The members of this list should have nothing to do with any hunts on the WARC bands.

73, Bill (flame suit on)

Do You Yahoo!?

Spot the hottest trends in music, movies, and more.
<http://buzz.yahoo.com/>

Date: Mon, 18 Jun 2001 13:11:10 +0100
From: Chuck Adams <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [100417] [NORCAL] QRPP Summer 2001 Issue
Message-ID: <5.1.0.14.0.20010618124614.009e5a00@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Just got back for the USPS and in the mailbox was an envelope from Doug Hendricks, KI6DS. In the package was the latest issue of QRPP --- the Summer 2001 issue with what I call a "hot pink" cover. And Mike C. thinks that this group isn't in touch with its sensitive side. :-) ;-)

Now before you go and park yourself in front of the mailbox. No they have not been mailed yet and will not for a little while. I just was lucky to get a pre-release copy. And now you're asking yourself, "how did Chuck Adams get to be such a privileged character?". Well, Doug was kind enough to send me the copy to check out a large article that I wrote up and he printed. It takes up about 51 pages!! And to think that I typed in all that verbage myself. :-) I did find some of my own typos, so hopefully we can get them corrected before the final copy hits the streets. Otherwise I'll have to post a errata sheet.

The article is on building the SW30+ in detail with pictures and all. I have the article on the web, but I am still a fan of hard copy with the pictures along with the text so that I don't have to click on some stupid link and wait for some time for the picture to arrive, etc. It does make reading much more easier and faster (at least for me) to have everything in front of you in black and white.

Go check

The issue has in it:

Keyser, G3R00

FYI

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qslnet.com/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Mon, 18 Jun 2001 16:35:17 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: kc4atu@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100418] Re: Don't miss it...
Message-ID: <3B2E7415.D23DEB74@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Bill ROWLETT wrote:

>
> Dave, you are part right about the reason for no
> contest on the WARC bands.
> The other reason is to give the non-contester a band
> to use away from the contests.

No matter how you slice it, a normal fox hunt with one or perhaps two foxes is in my opinion not a contest. The Pesky Texan thing because of the number of "contestants" is a different story. That I agree would have no place on 30 meters.

Are you saying the only legitimate way to use 30 meters is to rag chew or conduct emergency communications? No DX? ARRL has given credit for 30 meter dx qsos for years. They just don't offer a 30 meter DXCC and you can't use 30 meter contacts towards 5BDXCC.

> No contest means no contest. The fox hunts were not
> started to be a contest, but they have become one.

Again from my standpoint, a fox hunt is a contest only if you're the fox. If you are one of the hounds chasing the fox, then the correct analogy would be chasing dx which happens all the time on 30 meters. If you're in the mid part of the country, so you have a good shot in all directions, a 40 meter fox hunt is more a matter of showing up than anything else. Sit there and press memory keyer while reading a magazine or working another band.

No need for the flame suit, we are all decent people here. :-)

73 de Dave, N0IT

Date: Mon, 18 Jun 2001 17:30:50 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [100419] Re: Don't miss it...
Message-ID: <3B2E730A.7E0B9ECD@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pete,

It depends on your definition of a fox hunt. If it is a contest, it is not allowed on 30 meters. If it is an activity party then it may be legal. Personally I would avoid all occasion of temptation!

73

Date: Mon, 18 Jun 2001 14:53:01 -0700
From: Beth Gardner / Dan Maguire <BethDan@pacbell.net>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [100420] Re: Suppression of Even Harmonics
Message-ID: <3B2E783D.97A@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

George, W5YR wrote:

> Dan, did you make any measurements in the vicinity of 14.060 to see the
> effect of stub Q on performance? The "conventional wisdom" is that a stub
> can provide excellent spot-frequency operation but suffers from a
> relatively broad frequency response.

Good point. Here are some more modeling results. This is for the same 40M resonant (at 7.040) dipole fed via 50 ft of RG-8X and a single 1/4 wave (at 7.040) shorted stub at the transmitter. The actual second harmonic would be at 14.080, but I don't see much difference in the attenuation over the entire 20M CW band.

Freq Atn (dB) - Single stub

14.00	39.2
14.03	39.9
14.06	40.4
14.09	40.6
14.12	40.5
14.15	40.2

Just for kicks I also modeled a double stub arrangement. Working back from the antenna, the feed system is then: 50 feet of RG-8X transmission line, then a 1/4 wave (28.64 foot) shorted stub, then a 1/8 wave (14.32 foot) section of transmission line, then another 1/4 wave shorted stub, then the transmitter. That's an extra 3/8 wave of coax thrown into the mix, but the attenuation results are pretty impressive.

Freq	Atn (dB) - Double stub
14.00	67.2
14.03	68.4
14.06	69.3
14.09	69.5
14.12	69.2
14.15	68.3

So for an extra 43 feet of coax you get an extra 30 dB of harmonic suppression. Naturally I wondered how much loss would be involved using all this coax. Not too bad.

Feed system	Loss (dB)	If 5 W in ...
50 feet of RG-8X coax only	0.46	4.5 W out
Coax plus single stub	0.62	4.3 W out
Coax plus two stubs w/spacer	0.85	4.1 W out

For more info: The double stub setup was described in a sidebar on pg 36 of the May 2001 QST article by N6BV. Also, K1TTT has a pretty math-intensive write-up at <http://www.berkshire.net/~robbins/technote/stubpair.html> Note that both these folks are describing a situation in which the antenna feedpoint impedance at the second harmonic is essentially the same as at the fundamental, like for a trapped multi-band dipole or a 20-15-10 triband yagi. What I modeled with EZNEC/XLZIZL was a simple wire 40M dipole, with a radically different feedpoint Z at the second harmonic (5429-j647 at 14.060 versus 88+j0 at 7.040).

I'm pretty sure that XLZIZL is calculating the attenuation (aka insertion loss, aka S21 magnitude) correctly. If someone would like to verify the results with either Serenade or the old ARRL Amateur Radio Designer program you'll need the parameters for the RG-8X line that I used. The Transmission Line Details window of XLZIZL can supply these, or contact me offline and I'll email 'em.

73,
Dan AC6LA
XLZIZL info at: <http://www.qsl.net/ac6la/>

Date: Mon, 18 Jun 2001 15:09:55 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [100421] Digital technical photographs on web pages
Message-ID: <MABBJOEABOILMKCJCLFCMEFDCIAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Really, this is On Topic :-)

In looking at the many web pages our QRP-L folks and others have provided to show their stations or building projects, there is a tremendous range in the quality of the pictures produced. It's a shame, because there is a lot of skill and pride shown in the gear in the pictures.

>From the pictures, it appears we are mostly still Novices in digital photography and web page presentation.

My question--Does anyone know of a site or sites that would provide instruction, suggestions, hints to produce better technical photographs and display them? We see all kinds of lovely landscapes, with the occasional antenna in the background. I'd like to really see the work that the web creator wants to show us. I learn a lot from looking at a well-done piece of homebrewing, and I hope there is a source of info that will allow all of us to create better digital photography.

No criticism of anyone's work is implied here. I just want to see if the tools to do a better job are available.

73, Bob N6WG

Date: Mon, 18 Jun 2001 22:08:02 +0100
From: "Chuck Adams, K7QO" <k7qo@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [100422] [MH201] Spice Modeling
Message-ID: <5.0.2.1.0.20010618220532.009f1df0@mail.earthlink.net>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

In the meantime. Go to

<http://www.willingham2.freemove.co.uk/winspice.html>

and look at SPICE3 and if you are interested in modeling
electronic circuits then you may want to try this program.
I use it.

Yes, it does not have a front end schematic capture routine,
but I find them not needed for my work.

We will be doing some SPICE modeling of the NN1G Mark II,
whether you build it or not.

FYI

P.S. Print this out and don't lose it.

Chuck Adams, K7QO CP-60
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15

States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7
PJ ZL2

Moving to Arizona? --- Bring your own water.

Date: Mon, 18 Jun 2001 17:41:17 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [100423] Comment
Message-ID: <200106182213.f5IMD2j01320@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I think the "Fox Hunt" should be renamed the "Duck Hunt".

The so-called fox is really a sitting duck, who gets blasted from all sides, so duck hunt would be more descriptive of what actually happens (:-)) And, by calling it a "Duck Hunt", that would eliminate the constant confusion between the QRP-L Fox Hunt and the traditional VHF hidden xmitter Fox Hunt.

72,

Steve, KD1JV in the White Mountains of New Hampshire

"Melt Solder"

<http://www.poniatowski.com/kd1jv/kd1jv.htm>

<http://www.qsl.net/kd1jv/index.html>

Date: Mon, 18 Jun 2001 22:20:39 +0100
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [100424] Re: Comment
Message-ID: <200106182218.RAA60647@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Yep!

Sittin' Duck Hunt

that's good.....

Larry KA5T

On Mon, 18 Jun 2001 17:41:17 +0000, Steven Weber wrote:

>I think the "Fox Hunt" should be renamed the "Duck Hunt".

>

...

Date: Mon, 18 Jun 2001 22:17:42 +0100
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: qrp-1@Lehigh.EDU

Subject: [100425] Riverside CA and Pacificon
Message-ID: <5.0.2.1.0.20010618220830.009f3330@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

1. 2001 SW ARRL Division Convention

Riverside California Convention Center
Holiday Inn

September 7-9, 2001

QRP Forum with KI6DS, K7QO, WA6HHQ, and KK6MC
and a rare special appearance of WA6GER

Building Contest
QRP Hospitality Rooms
QRP No Host Dinner on Friday Night

All this brought to you by the Lake Perris QRP Society

2. Pacificon 2001

October 19-21st, 2001

Sheraton Hotel
Concord, CA

Friday Nite:

6pm No Host Dinner at Fuddrucker's Hamburgers
7pm Hospitality Room

7:30-8:30pm Any Radio, Any Band, Any Mode QRP QSO Party.
Antenna/Aerial limited to 6 feet total length, end to end.
(Now that outta be interesting and fun. How about a sked
on 10GHz at 5uW?)

Saturday: QRP Speakers (4)
Hospitality at 7:30pm

These announcements are in the latest QRPp and FYI. We will be seeing more as the time approaches, but this to allow those interested to get the cheap air fare ahead of time. My fun part is going to be getting out of class at 3pm and getting to these places in time. :-)
Any F-14 pilots available???? Going to Hawaii?

FYI

Chuck Adams, K7Q0 CP-60
Prescott, AZ k7qo@earthlink.net <http://www.qsl.net/k7qo>

TMPS-2001 Jan 12th -> April 15th, 2001 States = 49 DXCC = 15

States Needed AK DXCC --- K XE VE KH6 V73 HI3 FM5 OH3 C6 ZL1 C08 ZS6 EA8 EA7
PJ ZL2

Moving to Arizona? --- Bring your own water.

Date: Mon, 18 Jun 2001 17:40:39 -0500 (CDT)
From: ac5ez@webtv.net (Larry)
To: qrp-1@lehigh.edu
Subject: [100426] Duck Hunt
Message-ID: <12292-3B2E8367-790@storefull-115.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Yes, Duck Hunt. I like it!!

K1zw
Larry
Qcwa

Date: Mon, 18 Jun 2001 18:46:30 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: bmurrey@amexol.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [100427] Re: More scrounging
Message-ID: <5.0.2.1.0.20010618184538.009fe540@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:38 AM 6/18/2001 -0500, Brian Murrey wrote:

>Hey gang,

>

>I came across a box of 500 .1 uF bypass caps. These are marked 104K which
>should mean they're .1 uF at 10% tolerance. These are ceramic disk caps.

104k would be 0.01 uF

Phil

>Is your junkbox hungry?

>

>How about 50 for \$3 or 100 for \$5.00 (they're abt 15 cents each from Mouser)
>and two stamps?

>

>Let me know if you're interested.

>

>73 es "oo"

>

>

>=====

> KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223

> 39.558 N 86.095 W Johnson Co., Indiana

> GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w

> Member of the American Radio Relay League - SOC #400

> FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

>=====

Date: Mon, 18 Jun 2001 15:49:06 -0700

From: "Bob Tellefsen" <n6wg@earthlink.net>

To: <qrp-l@Lehigh.EDU>

Subject: [100428] Suppression of ODD harmonics

Message-ID: <MABBJOEABOILMKCJCLFCKEFHCIAA.n6wg@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

There have been a number of posts addressing the suppression of even harmonics.

Has anyone seen an approach, other than a low pass filter, for the suppression of

odd harmonics?

I looked at stubs, but can't see how to do it without introducing unwanted reactance into the line.

73, Bob N6WG

End of QRP-L Digest 2224

